



**Emser Tile®**

COMMERCIAL

2022 COLLECTION



Floor | Building Blocks™ Concrete Silver

Wall | Building Blocks™ Concrete Black

Bar | Building Blocks™ Oak Sand









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# 1968 *Since*

Established in 1968 and headquartered in Los Angeles, California, Emser Tile® is a leading designer, producer and marketer of the world's finest tile and natural stone. By offering unparalleled service and a vast selection of products, Emser Tile® is a comprehensive source for interior and exterior products that include porcelain, ceramic, glass, decorative accents, metal, quarry, mosaics, natural and engineered stone, cut-to-size products, setting materials and custom manufactured products made to your specifications. Our nationwide service network includes state of the art distribution centers and local sales and service locations to combine a strong national presence with tailored, local service. Building upon over 50 years of service, our dedication and commitment to our customers remains as strong as ever and is the core of our business and our culture.

Our services are tailored to customers' specific requirements. Emser Tile® offers exclusive programs that help retailers, home builders, commercial builders, contractors, architects and designers exceed their customers' expectations and requirements while keeping projects on schedule and within budget.

Our global network brings the latest trends, technologies and innovations for ceramic and porcelain tile, glass, natural stone, decorative, mosaic and metal products. We continue to offer the most compelling and extensive portfolio of colors, finishes, patterns and textures, accompanied by a broad assortment of coordinating trim and accent pieces.

Our expansive capacity translates into a vast selection of products and immediate distribution. With Emser Tile®, customers have quick access to unique and first-to-market products. With our local sales and service locations and global network of factory alliances, Emser Tile® has the infrastructure to logistically support any size project on a domestic or international level.











# GREEN BUILDING INITIATIVE

At Emser Tile®, we embrace our responsibility to protect the planet and create sustainable processes in everything that we do. We hold the same standard for our suppliers and trade partners, and work alongside them to ensure that they adhere to maintaining and improving their standards. Emser Tile®'s Green Building Initiative features a systematic three-prong approach:

- Implementing company-wide environmentally conscious practices in the workplace at all Emser locations throughout North America, including distribution centers. This is a combined effort also shared by our trade partners.
- Practicing transparency of raw materials sourcing with our suppliers, so that we know exactly what ingredients are going into the products we sell down to 1000ppm.
- Educating employees and customers alike through internal and external training programs such as CEU/CES classes regarding health, safety and welfare standards related to material sourcing, manufacturing and installation.

**Declare.**

Coined the Nutrition Label for products, Emser Tile has been awarded the Declare Label for its transparency in product lifecycle. From where it comes from, what it's made from, to where it goes, Emser Tile's notation of "Red List Free" can fulfill the credit disclosure requirements for LEED v4.



# PRIORITIZING SUSTAINABILITY

## CORPORATE EFFORTS

Emser Tile® is committed to reducing the environmental impact not only of our corporate headquarters and local sales and service locations, but also all of our distribution centers nationwide.

Our initiatives to do so include:

- Reusing technology, including cell phones, computers, and electronic equipment, through our suppliers and a third-party electronics recycling provider;
- Recycling paper through a third-party shred and recycle service;
- Automating facility lights that operate based on areas in use;
- Programming thermostats for optimal indoor temperatures while maintaining energy efficiency;
- Using low-flow and no-flush plumbing fixtures that preserve water;
- Prioritizing recycled content in office supplies;
- Emser Tile® operates strategically placed distribution centers and local sales and service locations throughout the United States. Having multiple facilities allows us to maximize the volume of every truckload for the most efficient transportation of our products, and in turn, minimizing our carbon footprint.

## MATERIAL RESOURCES

Emser Tile® chooses to work with suppliers that recycle the maximum amount of material possible back into the raw bisque, which is then reused to make new tiles. Understanding the importance of water conservation, Emser Tile® suppliers also recycle and reuse water during the manufacturing process. All glazes used in the production of ceramic and porcelain tile are water based and contain zero solvents, reducing potential Volatile Organic Compound (VOC) emissions during production and further eliminating any off-gassing of our finished floor products to 0 g/L through the firing stage of manufacturing. All overseas suppliers are required to be transparent in raw ingredient reporting up to 1000ppm, allowing Emser to meet OSHA Safety Data Sheet (SDS) requirements, as well as Health Product Declarations (HPD v2.1). Preference is given to manufacturers with upgraded kiln equipment that are able to better control heat emission and indoor air quality at the factory level.

Due to their raw ingredient profiles, all products are Red List Free, Conflict Mineral Free, Lead Free and compliant to OSHA Silica Standards as well as Prop 65.

## MANUFACTURING, DISTRIBUTION & INSTALLATION

Our transparency efforts specifically complement green friendly builds that are focused around environmental impact in addition to worker health and safety. Unlike other types of hard and soft flooring, the longevity of ceramic, porcelain, and natural stone prevents frequent replacement, reducing the emissions and carbon footprints related to manufacturing, transportation and disposal of waste. With a potential cradle to grave lifecycle of 100+ years, studies have shown that over a 20-year span, ceramic, porcelain, and natural stone products are more cost-effective and sustainable than any other flooring material.

For enhanced eco-friendly attributes, all products and packaging are 100% recyclable, allowing them to be easily diverted from landfills post construction. The inherent characteristics of these surfaces allow for easy installation and cleaning without the use of toxic, high VOC, or harsh chemicals, while also displaying natural antimicrobial properties reducing potential bacteria and mold growth making them a very hygienic option.

Through innovative design, these dense body products can be installed in a way that enhances indoor air quality, creating building efficiency by controlling ambient room temperatures of a space, all while reducing heating and air conditioning costs. Partnered with a Low/No VOC setting materials system, including an installation system warranty, the health, safety and longevity of the application can be optimized.

## MATERIAL BANK

Emser Tile® is one of the founding members of Material Bank, the fastest, most sustainable way to search and sample. Every order ships 100% carbon neutral in proprietary packaging that safely delivers samples in one box without excess bubble wrap, peanuts and packaging. Material Bank's innovative sample reclamation program allows unneeded samples to be reused and recycled instead of reaching landfills.












# SYMBOLS GUIDE

The symbols shown below describe the general usage and features of the products. For a more detailed technical and usage chart, please refer to the resources section or visit us online at [emser.com](http://emser.com).

## QUALITY STANDARDS

	DCOF	BREAKING STRENGTH	SCRATCH HARDNESS	
	>0.42%	>250 lbf	5	FLOOR / WALL 
	ANY	>250 lbf	5	RESIDENTIAL 
	N/A	>125 lbf	3	WALL 
	>0.42% (Wet) ANY (Dry)	>350 lbf	7	COMMERCIAL 
WALL:	N/A	>125 lbf	3	OUTDOOR 
FLOOR:	>0.55 (Uncovered)	>250 lbf	5(R) / 7(C)	
	ANY	>250 lbf	5	INDOOR 
DECK:	>0.60%	>250 lbf	5(R) / 7(C)	POOL 
WATERLINE:	ANY	>125 lbf	3	

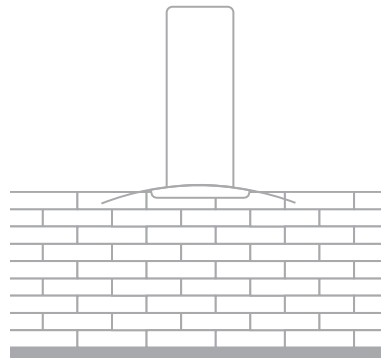




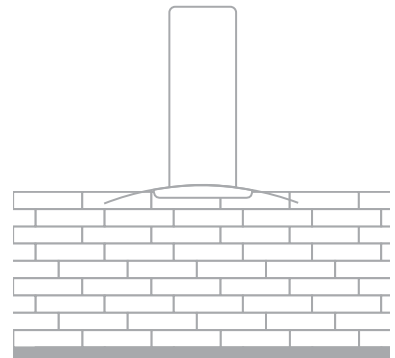


# PATTERN GUIDE

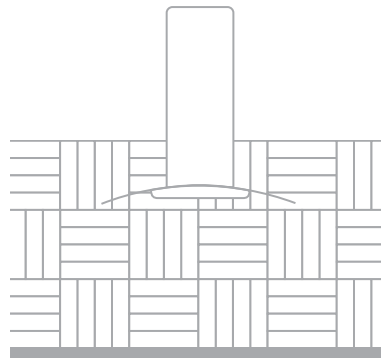
## SUBWAY TILE



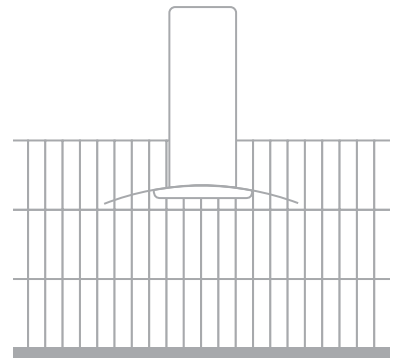
50% Offset



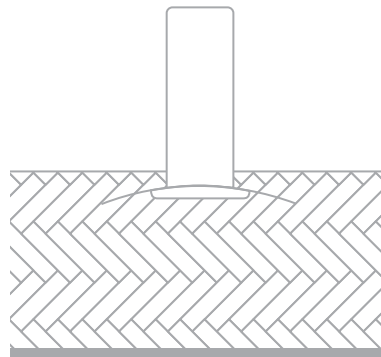
33% Offset



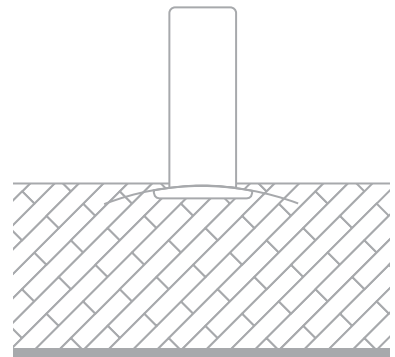
Basket Weave



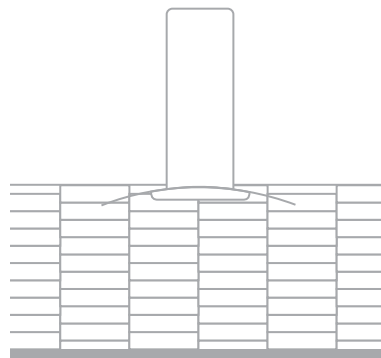
Vertical Stacked



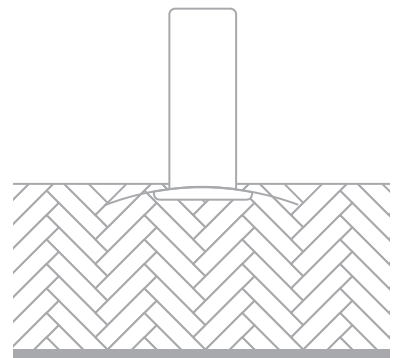
Horizontal Herringbone



45-Degree Staggered



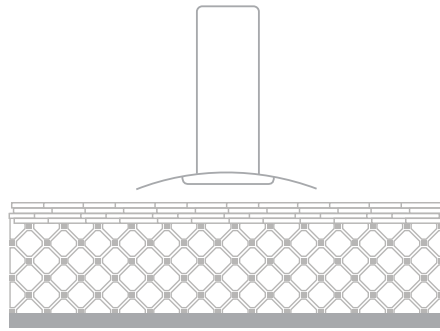
Horizontal Staggered



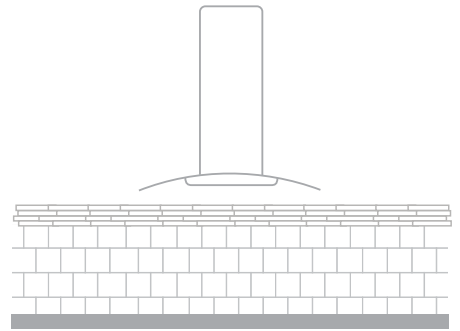
Herringbone



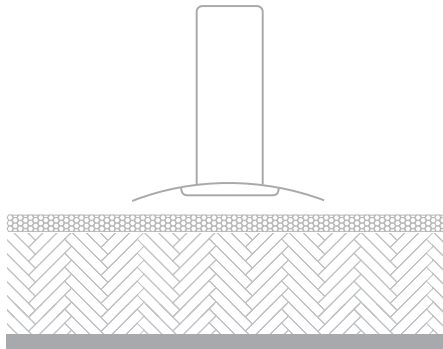
# BACKSPLASH



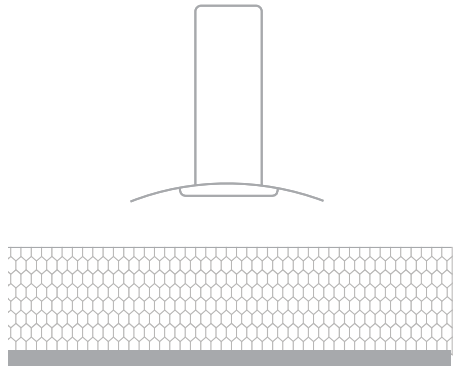
4x4 Square | Linear Mosaic



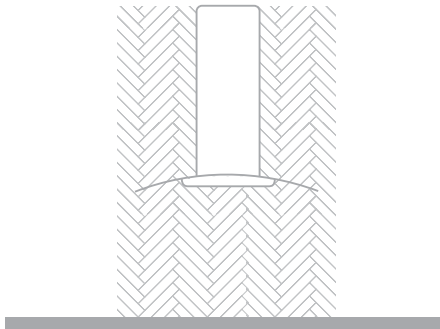
Brickwork Square | Linear Mosaic



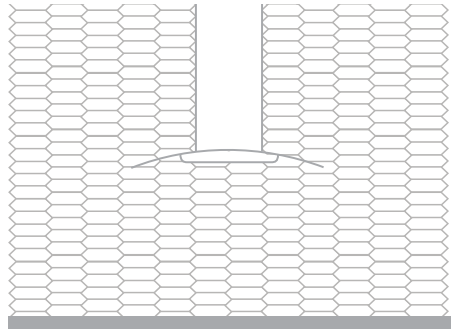
Herringbone | Penny Round Mosaic



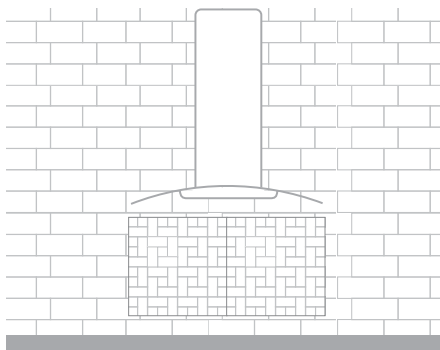
1/3 Elongated Hexagon Mosaic



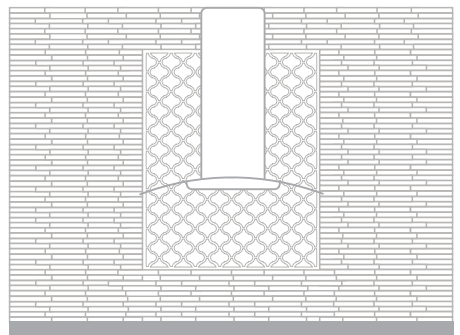
Herringbone Centered Mosaic



Picket Mosaic



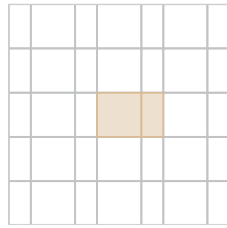
Staggered Brickwork | Windmill Mosaic



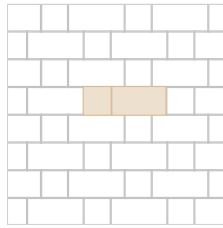
Linear Mosaic | Arabesque Mosaic



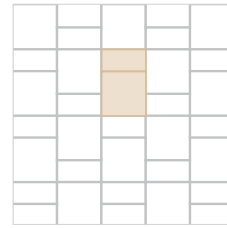
## TWOSIZES



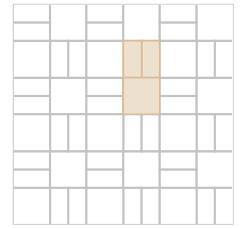
Alternating



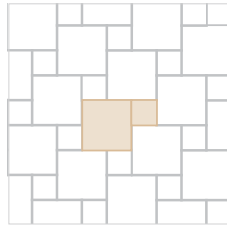
Alternating Horizontal



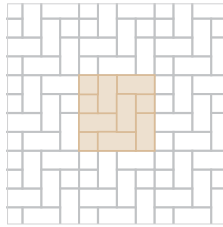
Alternating Vertical



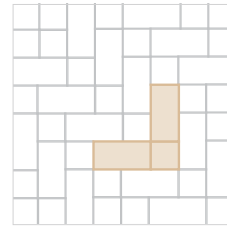
Basketweave Horizontal



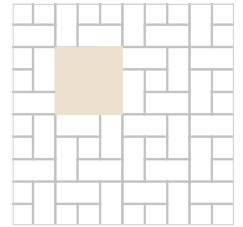
Hopscotch



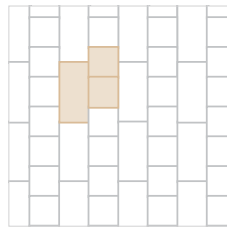
Cobblestone



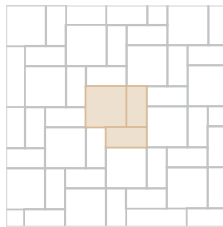
Herringbone Inserted



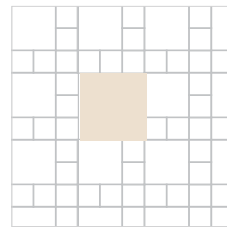
Windmill



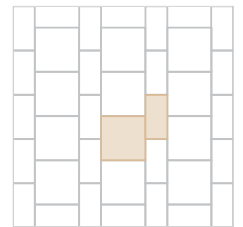
Corridor Vertical



Brickweave

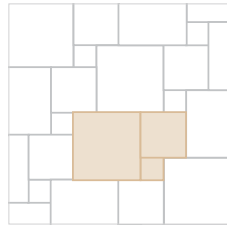


Stepping Stone

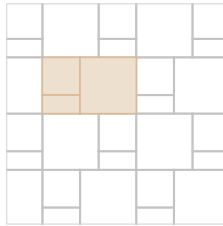


Corridor

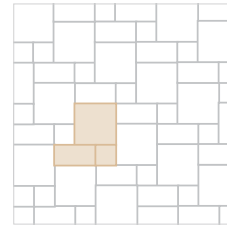
## THREESIZES



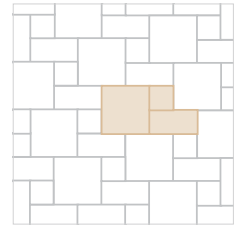
Triad Hopscotch



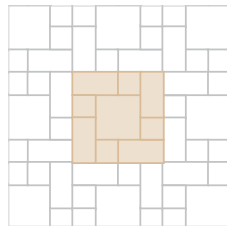
Pediment



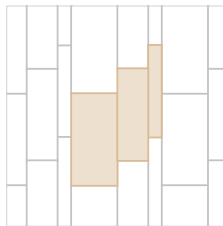
Braid



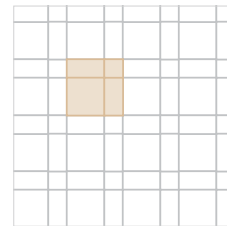
Catena



Soldiered

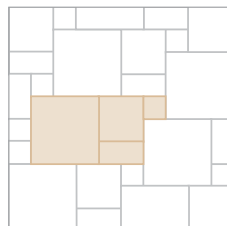


Staggered Vertical  
Brickwork

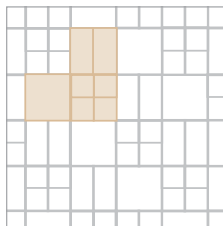


Palazzo

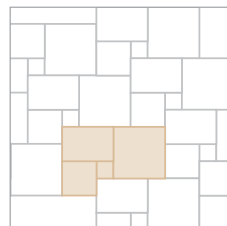
## MULTIPLE SIZES



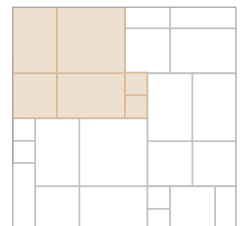
Versailles



Escala



Modular Pinwheel



Kaleidoscope



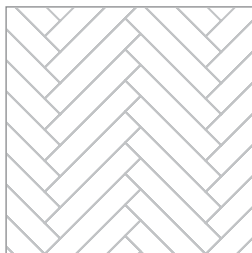
There are many choices among tile to meet all tastes and preferences. By creating a pattern with tile, one can express his or her personal style and design a truly unique space. A pattern not only alters an appearance, but it can also impact scale. The pattern suggestions are guidelines only — use your unique style and creativity to transform your space.

Our helpful Pattern Calculator can be downloaded from our website, along with our entire selection of patterns.

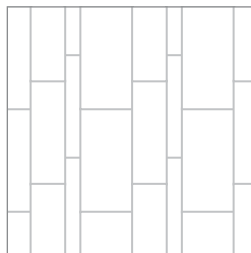
33% Offset is recommended for staggered floor installations.

For additional pattern selections, please visit [www.emser.com](http://www.emser.com).

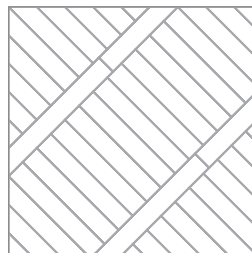
## WOOD-LOOKSIZES



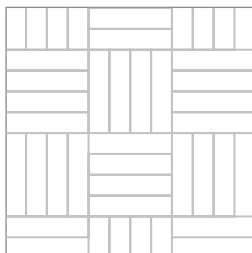
Herringbone



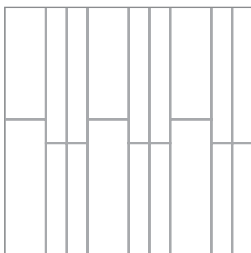
Multiple Staggered



Ships Deck

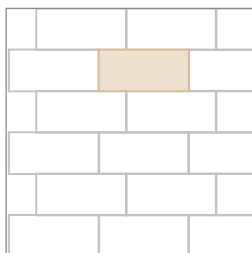


Basket Weave

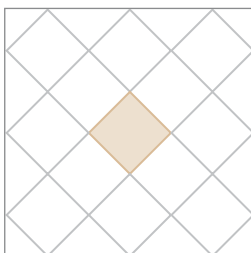


Parallel Plank

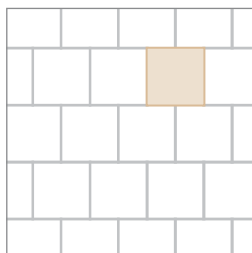
## ONESIZE



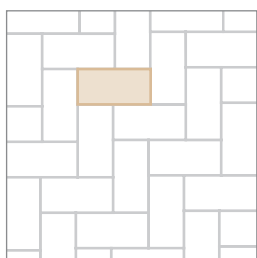
Staggered Brickwork



Diamond



Brickwork Square



Straight Herringbone



# GOLINEAR

## Cut-To-Size Custom Ordering

Emser Tile® offers various cut-to-size options for all rectified products.

Please inquire about lead times and pricing. Sizes can be specified within the limits of the dimension of the standard field tiles.

Suggested sizes include but are not limited to:

2x12, 2x24, 4x12, 4x24, 6x12, and 6x24

	12"	24"
20"		
18"		
16"		
12"		
8"		
6"		
4"		
2"		





Sweden™ Alps

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## Go Linear™ Collections

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Access II

Action

Archive

Beach Wood

Borigni

BB Concrete

BB Wood | Oak

BB Wood | Yakedo

Cassero II

Chiado II

Citizen

Council

Expanse

Hangar

Hollywood

Legacy

Milestone

Mood

Network

Newport

Orchard

Outpost

Porch

Porto II

Sterlina

Style II

Sweden

Swiss II

Terazio

Theory

Thread II

Uptown

Xtra

...mosaics and more!

Sterlina™ Dove  
12"x24" cut to 6"x24"





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## BY COLLECTION

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FLOOR





Path



Route



Tour



Voyage

Mosaics



Path







Route



Tour



Voyage

Sizes							
	24" x 47" 23.62" x 47.24"	12" x 24" 11.81" x 23.62"	12" x 12" Mesh 11.73" x 11.73"	3" x 12" Floor SBN			
	Thickness	10mm	10mm	10mm	10mm		
	Faces	4	16	N/A	N/A		
	Finish	Matte	Matte	Matte	Matte		
	Edge	Rectified	Rectified	Cut	Cut		
	Grout Joint Recommendation	3/16"	3/16"	3/16"	3/16"		
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	≥425 lbf	Resistant	<0.5%	>0.50	6	V3

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Access II™ brings the classic aesthetic of sandstone to life through dynamic patterning. High-definition swathes of color shift across the tile for visual movement. Cool tones in a matte finish lend an approachable sense of modernity.

## ACCESS II™

*Glazed Porcelain*







Advance



Cue

SIZES							
	11" x 23" 11.41" x 23.23"	3" x 23" Floor SBN					
	10mm	10mm					
	24	N/A					
	Polished	Polished					
	Rectified	Cut/Rounded					
Grout Joint Recommendation	1/8"	5/64"					
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	V	>500 lbf	Resistant	≤.50%	<0.42	7	V2

**Product and Installation Details |** ANSI A108.02 Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free



\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Action™ uses high-definition printing to recreate veincut marble in a modern color palette with a beautiful polished finish. All colors are available in a matte finish in our Motion™ series.

**ACTION™**  
*Glazed Body Match Porcelain*







Apex



Cliff



Crest

SIZES	<div></div>						
	9" x 47" 9.17" x 47.24"						
	THICKNESS	10.5mm					
	FACES	18					
	FINISH	Matte					
	EDGE	Pressed					
Grout Joint Recommendation		3/16"					
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	III	≥300 lbf	Resistant	≤0.50%	≥0.60	7	V3

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.




- Sustainability Attributes

  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.





Angeles™ celebrates the beauty of nature using high-definition graphic technology to mimic the unique gradations and variances found in natural wood.

ANGELES™  
*Glazed Porcelain*







Era



Memoir

Mosaics



Era



Memoir

SIZES	<div><div></div><div>11" x 23" 11.42" x 23.23"</div></div>			<div><div></div><div>12" x 12" Mesh 12.01" x 12.01"</div></div>			<div><div></div><div>3" x 23" Floor SBN</div></div>		
	9.8mm			9.8mm			9.8mm		
	16			N/A			N/A		
	Polished			Polished			Polished		
	Rectified			Rectified			Rectified		
	3/16"			3/16"			3/16"		
TESTING	Abrasion Resistance C1027		Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating	
	III		≥350 lbf	Resistant	≤0.50%	<0.42	9	V2	

**Product and Installation Details |** ANSI A108.02 Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes

- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Archive™ is inspired by the structural movement of veincut marble. Bold lines and color variation bring heightened contrast to draw in the eye. Available in a matte finish in our Chronicle™ series.

ARCHIVE™  
*Glazed Porcelain*



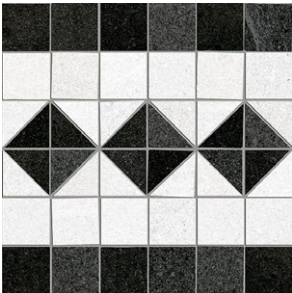




White



Croix



Krix



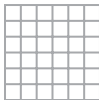
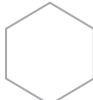
Krix Corner



Arrow



Floral

SIZES							
	8" x 8" 7.87" x 7.87"	9" x 10" 9.06" x 10.47"					
	8mm	9mm					
	10	10 15 (Floral)					
	Matte	Matte					
	Rectified	Pressed					
Grout Joint Recommendation	1/8"	1/8"					
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	III	>350 lbf (8x8) >375 lbf (Hex)	Resistant	<0.50%	>0.55 (8x8) >0.60 (Hex)	6	V2



Bauhaus honors a design movement that continues to inspire today. The collection stresses the inherent beauty in geometry and simplicity, as well as the importance of quality materials. Subtle color gradations draw the eye and create a unique visual experience, whether on walls or on floors.

# BAUHAUS

*Glazed Porcelain*







White



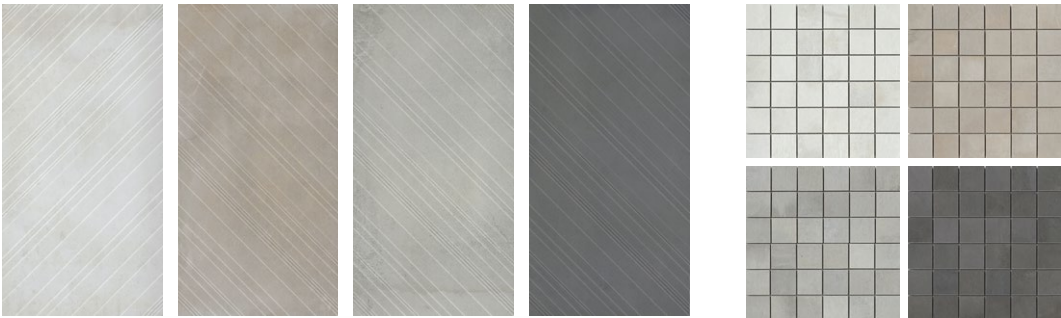
Beige



Gray



Black



Diagonal Pattern Available in 18"x35" Only | Left & Right Styles Available

SIZES							
	35"x35" 35.24"x35.24"	18"x35" 17.54"x35.15"	12"x23" 11.67"x23.43"	12"x12" Mesh 11.81"x11.81"	3"x12" Floor SBN	6"x12" Cove Base	1"x6" Cove Base Corner Out
	10mm	10mm	10mm	10mm	10mm	8.9mm	8.5mm
	10	20	20	N/A	N/A	N/A	N/A
	Matte	Matte	Matte	Matte	Matte	Matte	Matte
	Rectified	Rectified	Rectified	Cut	Cut/Rounded	Pressed	Rectified
Grout Joint Recommendation	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
	IV	≥250 lbf	Resistant	≤0.50%	>0.55	5	V2

R11 Anti-slip finish available.  
See Commercial Extension Product section.


**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free



\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Borigni™ is a glazed body match porcelain with an industrial, urban aesthetic. Replicating the look of concrete in a variety of sizes, patterns and mosaics, Borigni™ provides a seamless look indoors to outdoors.

**BORIGNI™**  
*Glazed Body Match Porcelain*

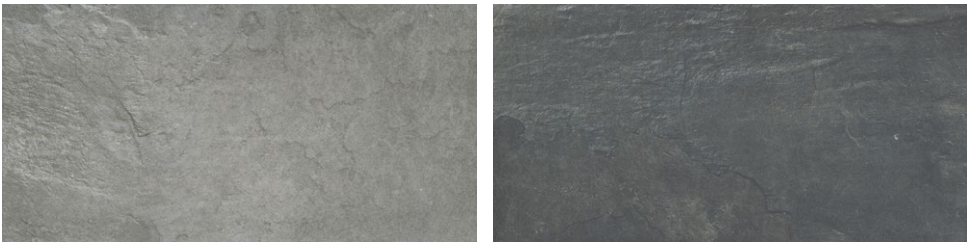




Ivory

Taupe

Brown



Silver

Carbon

Mosaics








Ivory

Taupe

Brown

Silver

Carbon

SIZES							
	13" x 13" 13.11" x 13.11"	12" x 24" 11.81" x 23.62"	13" x 13" Mesh	13" x 13" Mesh	3" x 13" Floor SBN		
	Thickness	8.5mm	10mm	8.5mm	8.5mm		
	Faces	17	11	N/A	N/A	N/A	
	Finish	Matte	Matte	Matte	Matte	Matte	
	Edge	Pressed	Pressed	Cut	Cut	Cut/Rounded	
Grout Joint Recommendation	3/16"	3/16"	3/16"	3/16"	3/16"		
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	Results*	IV	>325 lbf	Resistant	<0.50%	>0.45	8

Product and Installation Details | ANSI A108.02 Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes


• Red List Free

• Health Product Declaration (HPD) provided upon request

• Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.





Brava™ artfully brings to life the texture and feel of slate in durable glazed porcelain. Offered in multiple sizes and colors to complete any project.

**BRAVA™**  
*Glazed Porcelain*





Cotto



White



Silver



Gray



Charcoal

SIZES							
	<div></div>						
	2" x 10" 2.36" x 9.84"						
	Thickness8mm						
	Faces24						
	FinishMatte						
EDGE	Pressed						
Grout Joint Recommendation	3/16"						
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	Results* Check Website	>400 lbf	Resistant	<0.50%	>0.65	6	V4 V2 (White Only)

- Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



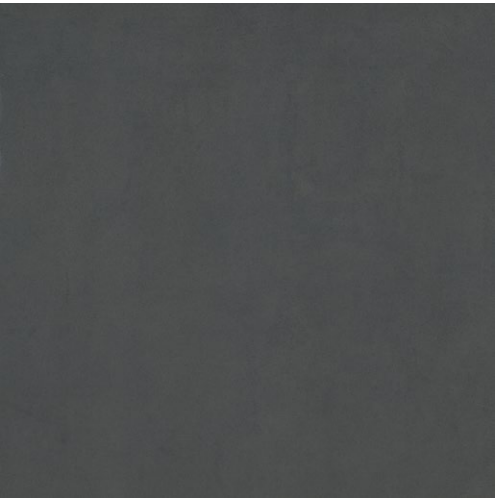
What do you get when you take one of the world's oldest and humblest building materials and elevate it? Brique™! Consider for a statement wall in your kitchen or a durable statement floor sure to get compliments. Colors come in both cool and warm tones encouraging options for all tastes.

## BRIQUE™

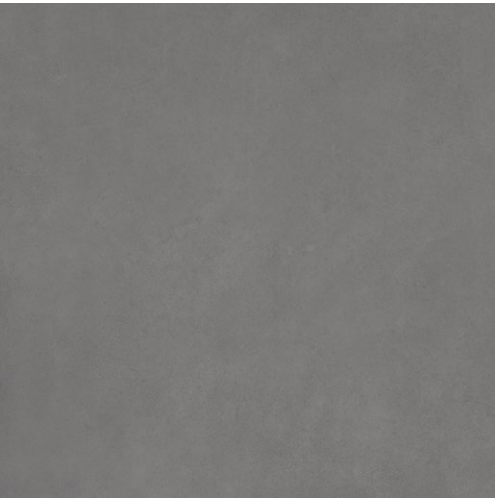
*Glazed Porcelain*







Black







Gray



Silver




Mist

Sizes																
	29" x 29" 29.39" x 29.39"				24" x 47" 23.5" x 47.09"				15" x 29" 14.65" x 29.39"				12" x 24" 11.71" x 23.5"			
	10mm				10mm				10mm				10mm			
	16				8				32				32			
	Matte				Matte				Matte				Matte			
	Rectified				Rectified				Rectified				Rectified			
Grout Joint Recommendation	1/8"				1/8"				1/8"				1/8"			
Testing	Abrasion Resistance C1027		Breaking Strength C648		Chemical Resistance C650		Water Absorption C373		DCOF ANSI A137.1		Scratch Hardness MOHS		Shade Variation Rating			
Results*	IV		>700 lbf		Resistant		<0.50%		>0.60		5		V2			

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

- VOC Free



\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

The Building Blocks™ Concrete line beautifully replicates the contemporary look of concrete while bringing in an added layer of warmth and sophistication. Designed to blend perfectly with other Building Blocks™ products, as well as the Back to Basics™ collection, this line provides endless design possibilities.




## BUILDING BLOCKS™ CONCRETE

*Glazed Body Match Porcelain*








Sizes			<p><b>Product and Installation Details</b>   ANSI A108.02 Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.</p>  <p>Recommended 33% Offset*</p>					
	24"x47" 23.54"x47.17"	12"x24" 11.73"x23.54"						
	Thickness	8.8mm						8.8mm
	Faces	12						48
	Finish	Matte						Matte
	Edge	Rectified						Rectified
Grout Joint Recommendation	1/16"	1/16"						
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating	
Results*	IV	>500 lbf	Resistant	<0.50%	>0.60	6	V2	

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



Recommended 33% Offset\*

The Building Blocks™ Metal line strikes a harmonious balance between industrial chic and modern luxury. The rich colors are reminiscent of iron, bronze and steel and provide sophisticated elegance to any application. This porcelain tile is sure to bring any room to life.

## BUILDING BLOCKS™ METAL

*Glazed Porcelain*







White



Sand



Gray

SIZES	<div></div>						
	8" x 47" 7.78" x 47.9"						
	10mm						
	40						
	Matte						
	Rectified						
Grout Joint Recommendation		3/16"					
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	>650 lbf	Resistant	<0.50%	>0.50	6	V2

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free



\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

The Building Blocks™ Wood line provides the warmth and sophistication of wood in a durable porcelain tile. Designed to blend perfectly with other Building Blocks™ products, this line provides a stylized re-creation of natural elements that create a harmonious blend of textures and sizes.

## BUILDING BLOCKS™ WOOD | OAK

*Glazed Porcelain*





Commercial Catalog

FLOOR / WALL RESIDENTIAL INDOOR OUTDOOR



Black



Navy



Charcoal



Silver



Ivory

SIZES	<div></div>						
	8" x 47" 7.74" x 46.85"						
	Thickness	10mm					
	Faces	36					
	Finish	Matte					
	Edge	Rectified					
Grout Joint Recommendation	3/16"						
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	II	>700 lbf	Resistant	<0.50%	>0.50	7	V2

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

• VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.





Yakedo™ replicates the sophisticated aesthetic of burnt cedar in a durable glazed porcelain plank tile. Based on the Shou Sugi Ban technique, or slight burning before installation, the worn textures create a certain dimension and strength. The way in which it reflects light from its crackled texture brings sophisticated movement and visual intrigue to interiors.

## BUILDING BLOCKS™ WOOD | YAKEDO™

*Glazed Body Match Porcelain*







Denali



Sequoia



Yosemite



Zion

SIZES	<div></div>						
	6" x24 5.91"x23.62"						
	Thickness						
	9mm						
	Faces						
	6						
Finish							
Matte							
Edge							
Pressed							
Grout Joint Recommendation							
3/16"							
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	>375 lbf	Resistant	<0.50%	>0.45	7	V3


**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joining patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.





Cabin™ beautifully replicates the subtle look of wood in durable glazed porcelain tile. Offered in neutral earthy colors to compliment your space.

CABIN™  
*Glazed Porcelain*





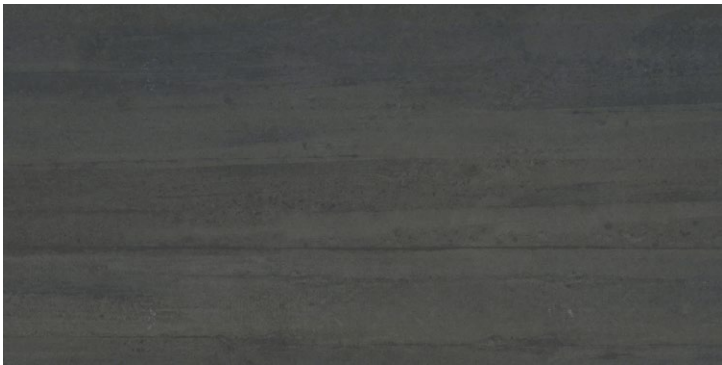
White






Gray



Moka



Black

SIZES							
	24"x47" 23.62"x47.24"	12"x24" 11.81"x23.62"	3"x12" Floor SBN				
	10mm	10mm	10mm				
	4	16	N/A				
	Matte	Matte	Matte				
	Rectified	Rectified	Rectified				
	3/16"	3/16"	3/16"				
Grout Joint Recommendation							
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	>450 lbf	Resistant	<0.5%	>0.55	6	V2

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Cassero II™ offers a rustic and refined concrete linear texture in glazed porcelain. The matte finish is offered in colors complementing each other and is suitable for interior and exterior applications.

## CASSERO II™

*Glazed Porcelain*





Commercial Catalog

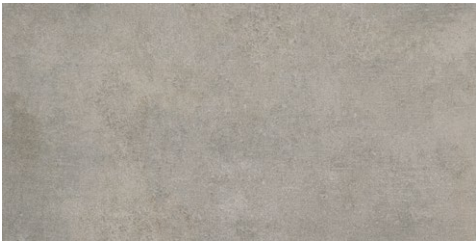
- FLOOR / WALL
- RESIDENTIAL
- COMMERCIAL
- INDOOR
- OUTDOOR
- POOL



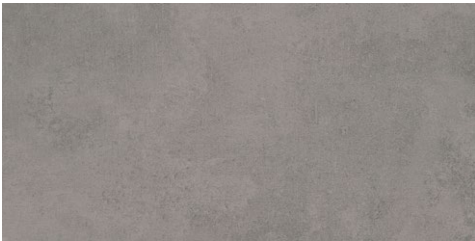
Atolia



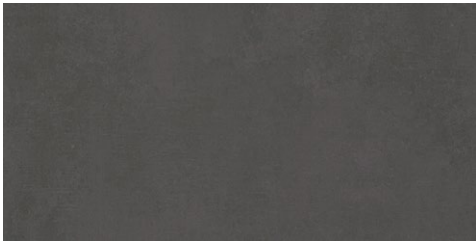
Carson



Jerome

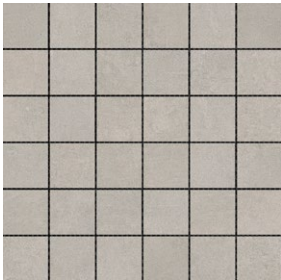


Kismet



Loring

Mosaics



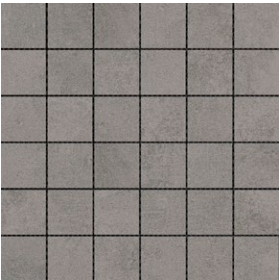
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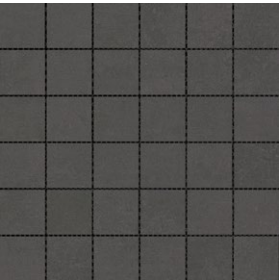
Carson






Jerome



Kismet



Loring


Sizes							
	12" x 24" 11.81" x 23.62"	12" x 12" Mesh	3" x 12" Floor SBN				
Thickness	9mm	9.1mm	9mm				
Faces	12	N/A	N/A				
Finish	Matte	Matte	Matte				
Edge	Rectified	Cut	Cut/Rounded				
Grout Joint Recommendation	3/16"	3/16"	3/16"				
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	III	>250 lbf	Resistant	<0.50%	>0.60	7	V3

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free
  - 0% Pre- and Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Chiado II™ brings the subtlety of cement to new form in porcelain tile. Neutral tones result in a cool, contemporary surface to allow various applications and creative layouts.

## CHIADO II™

*Glazed Porcelain*





Era



Memoir



Record

Mosaics



Era



Memoir



Record

SIZES	<div><div></div><div>12"x24"</div><div>11.81"x23.62"</div></div>			<div><div></div><div>12"x12" Mesh</div><div>11.69"x11.69"</div></div>			<div><div></div><div>3"x24"</div><div>Floor SBN</div></div>		
	9.8mm			9.8mm			9.8mm		
	16			N/A			N/A		
	Matte			Matte			Matte		
	Pressed			Cut			Cut/Rounded		
	3/16"			3/16"			3/16"		
	3/16"			3/16"			3/16"		
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating		
	IV	≥850 lbf	Resistant	≤0.5%	≥0.60	7	V2		

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Chronicle™ is inspired by the universal luxury of veincut marble. Light-toned colors with high-definition variation complement any decor. Era and Memoir colors are available in a polished finish in our Archive™ series.

# CHRONICLE™

*Glazed Porcelain*







In a return to form, Citizen™ embraces large format tiles and complementary mosaics. The timelessly classic concrete look is expressed through subtle brushed color variations of tans and grays. Visually arresting, Citizen™ achieves an unencumbered chic aesthetic on floors, walls, and a wide array of surfaces.

# CITIZEN™

*Glazed Body Match Porcelain*





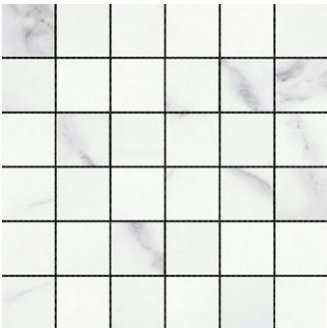


Dama

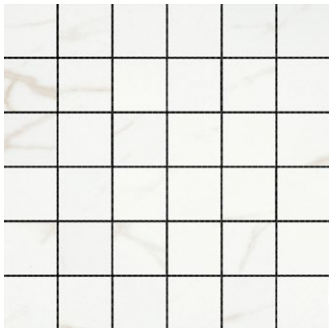


Oro

Mosaics



Dama



Oro



Dama



Oro

Sizes											
	24"x24" 23.82"x23.82"	23"x23" 23.43"x23.43"	18"x18" 17.72"x17.72"	13"x13" 12.99"x12.99"	12"x24" 11.81"x23.62"	11"x23" 11.42"x23.23"	3"x6" 2.95"x5.91"	13"x13" Mesh 12.60"x12.60"	Herringbone Mesh	3"x13" Floor SBN	3"x11" Floor SBN
	10mm	10mm	8.6mm	7.8mm	9mm	10mm	9-10mm	8.3mm	8.3mm	8.3mm	9.5mm
	10	10	9	10	20	20	>100	N/A	N/A	N/A	N/A
	Matte	Polished	Matte	Matte	Matte	Polished	Matte & Polished	Matte	Matte	Matte	Polished
Edge	Pressed	Rectified	Pressed	Pressed	Pressed	Rectified	Rectified	Cut	Cut	Rectified	Rectified
Grout Joint Recommendation	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	5/32"	3/16"	3/16"	3/16"
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating				
Results*	IV	>350 lbf	Resistant	<0.5%	>0.50	7	V2	Recommended 33% Offset*			

- Sustainability Attributes

  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free
  - Recycled Content 34% Pre-Consumer and 0% Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



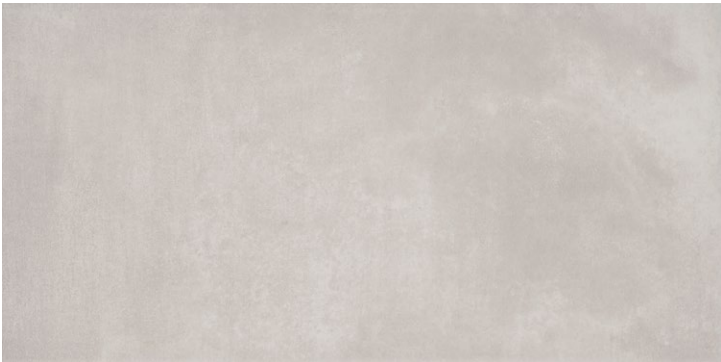
Pure, simple, relaxing, Contessa™ is a true jewel adding timeless style to any space. Inspired by the exquisite veining in marble, this line is offered in multiple sizes

# CONTESSA™

*Glazed Porcelain*







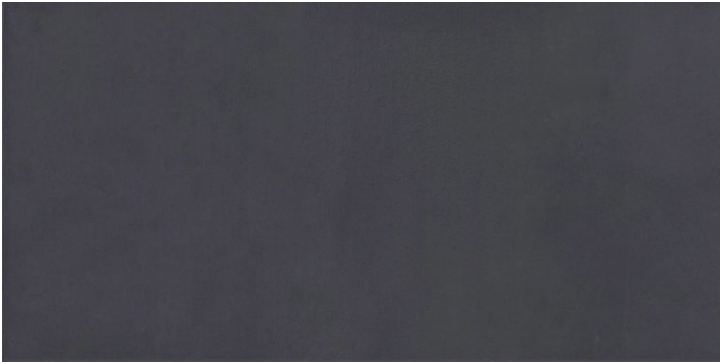
Crystal



Ecrú



Steel



Charcoal

Mosaics



Crystal







Ecrú



Steel



Charcoal

SIZES							
	24" x 24" 23.62" x 23.62"	12" x 24" 11.81" x 23.62"	13" x 13" Mesh 13.07" x 13.07"	3" x 12" Floor SBN			
	9.8mm	9.8mm	7.2mm	9.8mm			
	5	10	N/A	N/A			
	Matte	Matte	Matte	Matte			
	Pressed	Pressed	Cut	Cut/Rounded			
Grout Joint Recommendation	3/16"	3/16"	3/16"	3/16"			
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	IV	≥250 lbf	Resistant	≤0.50%	≥0.60	7	V3

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes

- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Cosmopolitan™ is an artful recreation of brushed concrete. Rich colors elevate urban living with modern sensibility. An approachable matte finish allows the collection to complement a range of aesthetics.

# COSMOPOLITAN™

*Glazed Porcelain*







Ivory



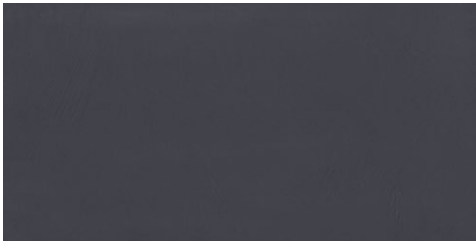
Silver



Gray



Olive



Black

Mosaics



Ivory



Silver









Gray



Olive



Black

SIZES							
	24"x24" 23.62"x23.62"	12"x24" 11.81"x23.62"	12"x12" Mesh 12.28"x12.28"	3"x12" Floor SBN	6"x12" Cove Base	1"x6" Cove Base Corner Out	
	Thickness	8mm	8.5mm	7.4mm	9mm	N/A	N/A
	Faces	6 2 Textures	12 3 Textures	N/A	N/A	N/A	N/A
	Finish	Matte	Matte	Matte	Matte	Matte	Matte
	Edge	Rectified	Rectified	Rectified	Cut/Rounded	Pressed	Pressed
	Grout Joint Recommendation	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	>385 lbf	Resistant	<0.50%	>0.60	7	V1

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes

  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Council™ offers a modern and fashionable approach to floor and wall applications. With a nod to leather, this series is available in five cool tones that were designed to mix and match to create stunning environments.

COUNCIL™  
*Glazed Porcelain*





FLOOR / WALL

RESIDENTIAL

COMMERCIAL

INDOOR

OUTDOOR



Astoria



Harlem



Soho



Tribeca

Mosaics



Astoria



Harlem



Soho



Tribeca



12" x 24"  
12.01" x 24.02"

8.2mm

12

Matte

Pressed

3/16"



9" x 36"  
8.96" x 36.02"

9.2mm

12

Matte

Pressed

3/16"



12" x 12" Mesh  
11.75" x 11.75"

7.8mm

12

Matte

Rectified

3/16"



3" x 12"  
Floor SBN

8.2mm

12

Matte

Cut/Rounded

3/16"

IV

>325 lbf

Resistant

<0.50%

>0.42

7

V2

- VOC Free
- 40% Pre-Consumer

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.

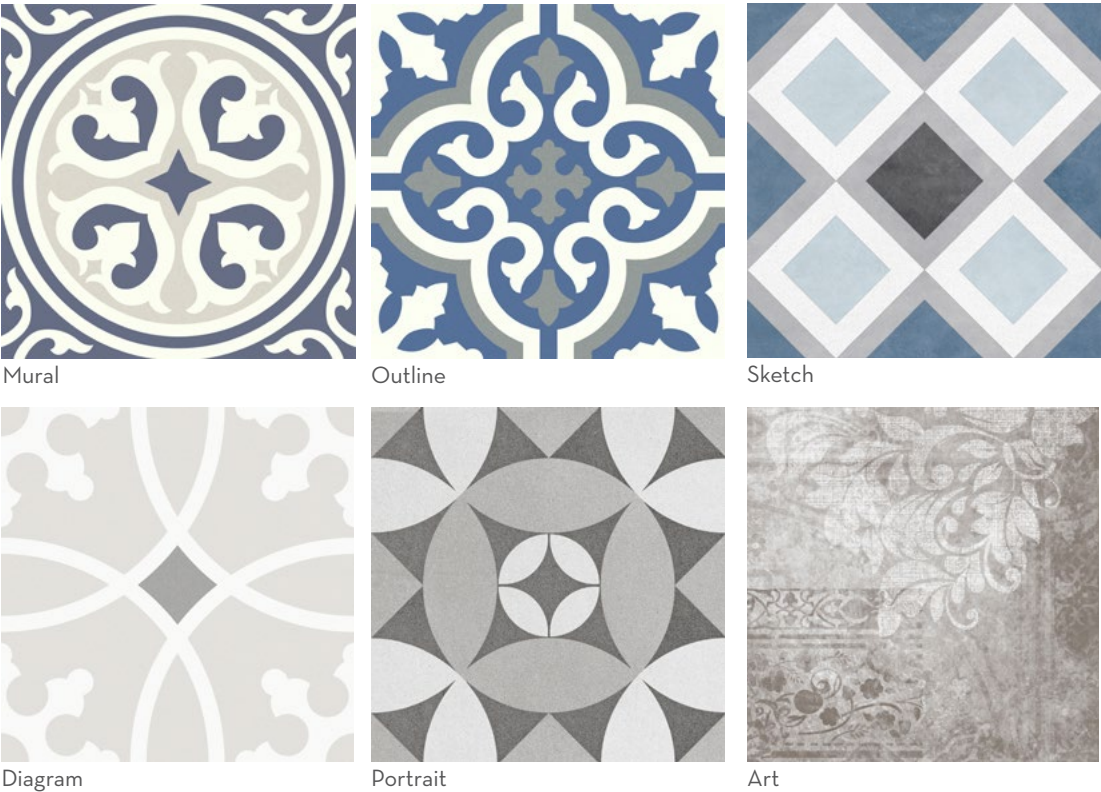



Denova™ replicates the look of concrete with cool tones and a brushed linear texture. Available in four colors.

DENOVA™  
*Glazed Porcelain*







SIZES							
	9" x 9" 9.17" x 9.17"	9" x 9" 9.17" x 9.17"					
	Thickness	8.5mm	8.5mm				
	Faces	1	18 (Art)				
	Finish	Matte	Matte				
	Edge	Pressed	Pressed				
Grout Joint Recommendation	1/8"	1/8"					
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	≥700 lbf	Resistant	≤0.50%	≥0.60	7	V1

Sustainability Attributes

- Red List Free
- Health Product Declaration (HPD) provided upon request
- Product Packaging is 100% recyclable

- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Design™ is an eclectic collection of unique patterns from a distressed look with a contemporary flair to geometric patterns, offering a wide range of solutions for any space.

DESIGN™  
*Glazed Porcelain*





FLOOR / WALL

RESIDENTIAL

COMMERCIAL

INDOOR

OUTDOOR



Bukhara

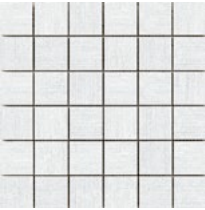


Pattern



Rajmata




Mosaics




Bukhara



Rajmata

		
12" x 23" 11.60" x 23.43"	12" x 12" Mesh 11.65" x 11.65"	3" x 12" Floor SBN
10mm	10mm	10mm
18	N/A	N/A
Matte/Textured	Matte/Textured	Matte/Textured
Rectified	Cut	Cut/Rounded
1/8"	5/64"	5/64"

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



Recommended 33% Offset\*

V

≥500 lbf

Resistant

≤0.50%

≥0.45

9

V1

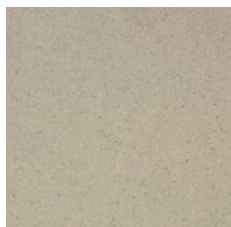
- VOC Free
- Recycled Content >8% Pre-Consumer

Dunham™ is inspired by the timeless look of Italian menswear. Dashing linear pattern brings geometric movement, while neutral, textured designs serve minimalist styles.

DUNHAM™  
*Glazed Porcelain*



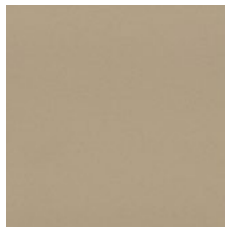




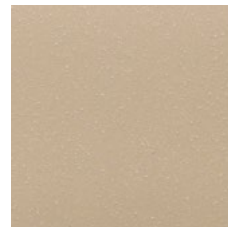
Beige



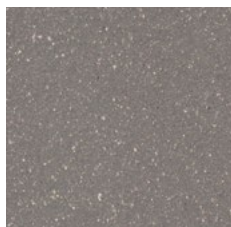
Beige Abrasive



Sand



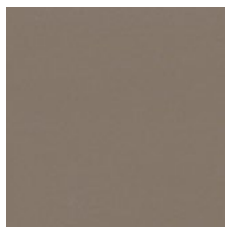
Sand Abrasive



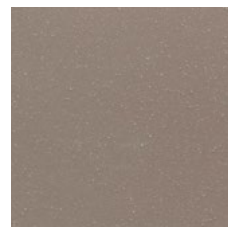
Smoke



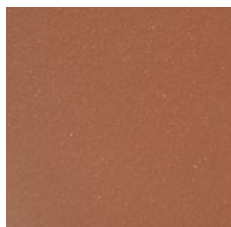
Smoke Abrasive



Lava



Lava Abrasive



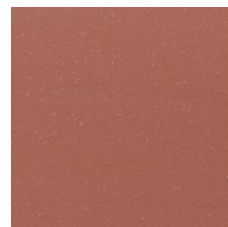
Brick



Brick Abrasive



Cotto



Cotto Abrasive

**Recommended Maintenance**





Sweep, vacuum or damp mop as necessary to remove dust, dirt and grit. Remove heavy spills or spots immediately with a heavy detergent and stiff brush or a non-metallic scouring pad. Routinely mop the surface with a neutral liquid cleaner. Use a simple two bucket method-one bucket containing the diluted cleaner and the other containing clear water. Mop in small areas and change the rinse water regularly. Mop up any dirty cleaning solution and allow the floor to dry thoroughly. Under normal conditions, rinsing is not necessary. However, if the surface is extremely dirty, it should be allowed to dry and mopped again. Over time a natural patina will develop. It can be enhanced with a soft buffing. For applications in restaurants/cafeteria service and dining areas, at least once per week - and more often if necessary - the floor should be scrubbed with a solution of all-purpose cleaner and a scrub brush.

**Cleaning and Maintenance: Initial Cleaning and Seasoning**

It is the installer's responsibility to thoroughly clean and remove all grout or mortar from the new tile surface. Because grout joints are porous and highly susceptible to staining, you may wish to protect them with an application of a penetrating sealer. If the floor will be subject to frequent staining by fat, oil or grease, you may wish to apply the penetrating sealer to the tile as well. Follow the manufacturer's directions carefully. Seal the floor only after it is thoroughly cleaned and before seasoning the floor. Season the floor by mopping thoroughly with a double strength application of neutral liquid cleaner.



Abrasive Finish

Sizes							
	6"x6"	6"x6" Cove Base	6"x6" Cove Base Corner In	6"x6" Cove Base Corner Out (Left/Right)			
Thickness	9mm	9.5mm	9.5mm	9.5mm			
Faces	N/A	N/A	N/A	N/A			
Finish	Matte	Matte	Matte	Matte			
Edge	Pressed	Pressed	Pressed	Pressed			
Grout Joint Recommendation	3/8"	3/8"	3/8"	3/8"			
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	1	≥400 lbf	Resistant	<0.25%	>0.70	8	V1

**Sustainability Attributes**

- Red List Free
- Health Product Declaration (HPD) provided upon request
- Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

- High Breaking Strength - TCNA Approved
- Slip & Frost Resistant
- Not Affected By Chemicals & Oils
- Easy & Economical Installation
- Approved For Outdoor Installations
- Lighter & Lower Freight
- Glazed and Unglazed Quarry Brick Sizes
- Additional Field Tile 12"x12" and Trims available via special order (stair treads, pool copings)
- Industrial Floors Available for Industrial Projects (food processing, beverage and/or packing plants)

Unglazed quarry tile is the perfect answer for installations that need added durability and slip resistance. Its extruded/die skin body resists breaking, and the relieved edges resist chipping. For an even higher level of slip resistance, an abrasive surface product is available.

## E-QUARRY

*Unglazed Quarry*







Glacier







Rock



Valley



Wind

SIZES							
	20" x 20" 19.57" x 19.57"	13" x 13" 12.99" x 12.99"	12" x 24" 11.81" x 23.62"	3" x 12" Floor SBN			
	8.5mm	7.1mm	8.4mm	Check Website			
	16	20	16	N/A			
	Matte	Matte	Matte	Matte			
	Pressed	Pressed	Pressed	Cut			
	3/16"	3/16"	3/16"	Check Website			
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	>350 lbf (12x24, 20x20) >250 lbf (13x13)	Resistant	<0.50%	>0.55	9	V2

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC <0.5 mg/m<sup>3</sup>
  - Recycled Content 3-4% Pre-Consumer and 72% Post-Consumer for Packaging Cartons

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Earthy hues in both cool and warm tones, like those available from Erosion™ porcelain tile collection, remain the standard in interiors and exteriors. Their aesthetic appeal, coupled with the durability of tile, makes for a strong foundation in design. Available in three sizes and four colors, Erosion features the beauty found in nature.

## EROSION™

*Glazed Porcelain*







Alley



Hall

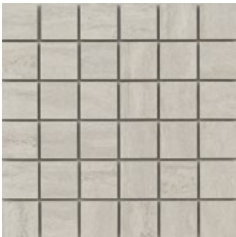


Pass



Trail

Mosaics



Alley









Hall



Pass



Trail

Sizes							
	17" x 35" 17.40" x 35.01"	12" x 24" 11.81" x 23.62"	11" x 23" 11.42" x 23.23"	12" x 12" Mesh 11.81" x 11.81"	3" x 12" (M) Floor SBN	3" x 11" (P) Floor SBN	
	Thickness	11mm	9.8mm	10mm	9.8mm	9.5mm	10mm
	Faces	5	16	16	N/A	N/A	N/A
	Finish	Matte	Matte	Polished	Matte	Matte	Polished
	Edge	Rectified	Pressed	Rectified	Cut	Cut/Rounded	Cut/Rounded
	Grout Joint Recommendation	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	III	≥600 lbf	Resistant	≤0.50%	≥0.60	9	V2

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joining patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Esplanade™ embodies the earthy aesthetic of travertine in a durable porcelain tile. Nuanced color variation lends a natural aesthetic. Large format and mosaic tiles allow for a range of design applications.

# ESPLANADE™

*Glazed Porcelain*





LARGE FORMAT

FLOOR / WALL

RESIDENTIAL

COMMERCIAL

INDOOR



Arabescato White



Lazio White



Onix White

<div>63" x 126" 62.91" x 125.91"</div> <div>6.5mm</div> <div>3 (Arabescato, Lazio) 4 (Onix White)</div> <div>Polished</div> <div>Rectified</div> <div>1/8"</div>									
Deep Abrasion Resistance C1243									
1	≥250 lbf	Resistant	≤0.50%	M ≥ .60 P < .42	6	V1 - V2			

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.

Recommended 33% Offset\*

• VOC Free  
• Recycled content varies by color, please check website for updated information.

The flexibility of Expanse™ gives an elegant look to surfaces for commercial and residential interior and exterior installations. This beautiful and unique large format tile offers a seamless look to floors and walls.

**EXPANSE™**  
*Glazed & Thin Tile Porcelain*





LARGE FORMAT

FLOOR / WALL

RESIDENTIAL

COMMERCIAL

INDOOR



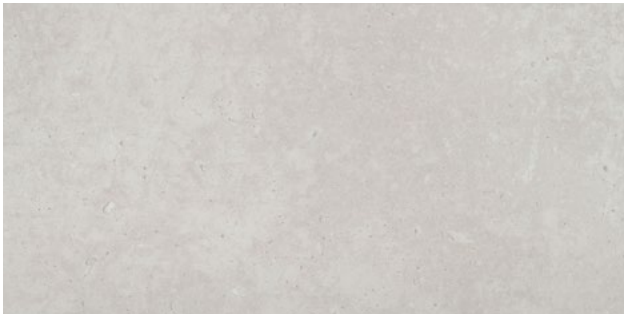
Network Gray



Network Silver



Network Taupe





Network White



Hangar Ash



Hangar Smoke

	
63"x126" 62.91"x125.91"	63"x126" 62.91"x125.91"
6mm (Network)	7mm (Hangar)
3	2
Matte	Matte
Rectified	Rectified
1/8"	1/8"

Deep Abrasion  
Resistance C1243

1

≥250 lbf

Resistant

≤0.50%

M ≥ .60  
P < .42

6

V1 - V2

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- VOC Free
- Recycled content varies by color, please check website for updated information.

The flexibility of Expanse™ gives an elegant look to surfaces for commercial and residential interior and exterior installations. This beautiful and unique large format tile offers a seamless look to floors and walls.

**EXPANSE™**  
*Glazed & Thin Tile Porcelain*







White



Ivory



Gray



Taupe

Mosaics



White



Ivory



Gray



Taupe



12" x 24"  
11.81" x 23.62"

10mm

18

Matte

Pressed

1/8"



12" x 12" Mesh  
11.81" x 11.81"

10mm

N/A

Matte

Cut

5/64"



3" x 12"  
Floor SBN

10.5mm

N/A

Matte

Cut/Rounded

1/8"

III

≥250 lbf

Resistant

≤0.50%

≥0.45

6

V1

• VOC Free

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joining patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.





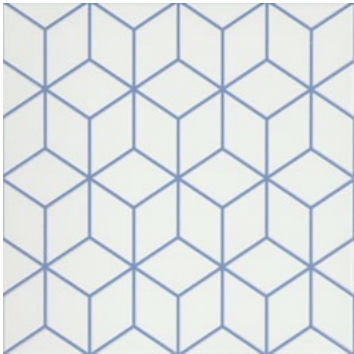
Facade™ combines the intricate look of canvas and plaster into a beautiful glazed porcelain tile. Available in multiple colors and coordinating mosaics, this series is sure to add character to any space.

## FACADE™

*Glazed Body Match Porcelain*



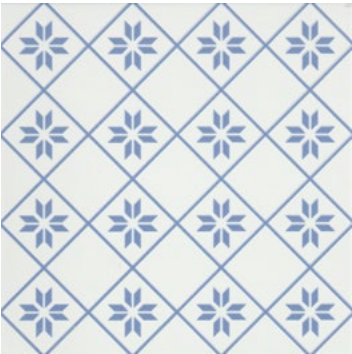




Cube Blue



Atom Blue



Petal Blue



Frame Navy



Cube Gray



Atom Gray



Petal Gray



Frame Gray

SIZES	<div><div></div><div>10"x10" 9.84"x9.84"</div></div>						
	Thickness8,5mm						
	Faces1						
	FinishMatte						
	EdgePressed						
	Grout Joint Recommendation3/16"						
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
	Results*IV	>400 lbf	Resistant	≤0.50%	≥0.42	6	V2

- Sustainability Attributes

- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Geometry™ takes design to a whole new level. The modern, retro flare look of Geometry™ provides an element of uniqueness not found in most tiles. The raised pattern adds interest and character and will transcend any application.

# GEOMETRY™

*Glazed Porcelain*





LARGE FORMAT

FLOOR / WALL

RESIDENTIAL

COMMERCIAL

INDOOR



Ash



Smoke



Coal

Mosaics










Ash



Smoke



Coal

						
63"x126" 62.85"x125.79"	23"x47" 23.46"x47.01"	12"x23" 11.69"x23.46"	12"x12" Mesh 11.69"x11.69"	3"x12" Floor SBN	6"x12" Cove Base	1"x6" Corner
7mm	7mm	9mm	9mm	9mm		
2	10	20	N/A	N/A	N/A	N/A
Matte	Matte	Matte	Matte	Matte	Matte	Matte
Rectified	Rectified	Rectified	Cut	Cut/Rounded	Pressed	Pressed
1/8"	1/8"	1/8"	5/64"	5/64"	5/64"	5/64"
V	≥300 lbf	Resistant	>0.50%	≥0.50	7	V2

• VOC Free

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joining patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



Hangar™ delivers a flexible, modern solution offered in large format and trending tile sizes. The contemporary linear look of Hangar™ adds sophistication to residential and commercial settings.

# HANGAR™

*Glazed Porcelain*



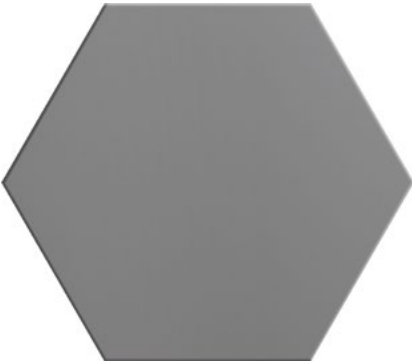




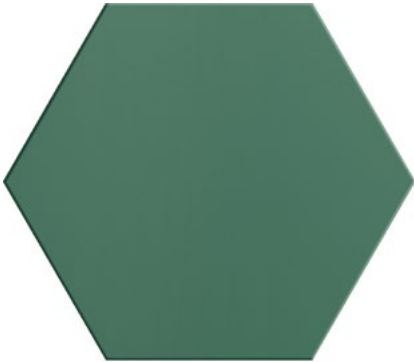
White



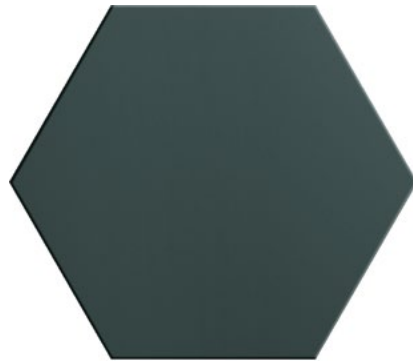
Silver



Gray



Forest




Navy



Black



Heksa™ | Gray, White, Black, Silver™

SIZES							
	8" x 9" 8.13" x 9.45"						
	Thickness 8mm						
	Faces 1						
	Finish Matte						
	Edge Pressed						
Grout Joint Recommendation		1/8"					
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	Results* III IV - Silver & White	>350 lbf	Resistant	<0.50%	>0.60	7	V1

-  Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC None
  - Recycled Content >30% Pre-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Heksa™ porcelain tile features the distinct and chic geometric hexagon, as timeless as it is efficient in design. The iconic honeycomb pattern adds edge when creating unique designs, versatile for any room. Heksa colors include six options, as varied as tried-and-true neutrals and a pop of color with green and navy.

**HEKSA™**  
*Glazed Porcelain*



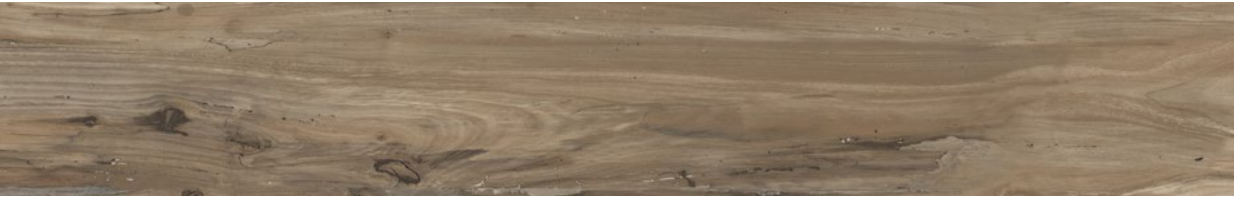




Beige



Taupe



Oak



8" x 47"  
7.83" x 47.01"

9mm

8

Matte

Rectified

1/16"

Check Website

Check Website

Resistant

Check Website

>0.65

6

V3

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- VOC Free
- Recycled Content 0% Pre & Post-Consumer

Fusing old-world glamour with contemporary rustic tones, Hollywood™ adds to the collections of distinct wood-look tile. Beige and Oak colorations recall the beautiful, classic look of aged wood, while Blue and Taupe embrace cool undertones.


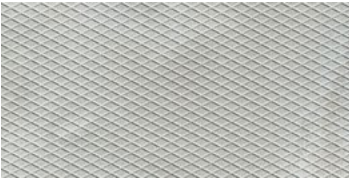

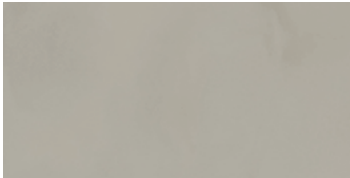

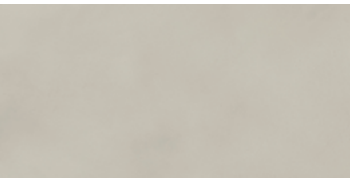
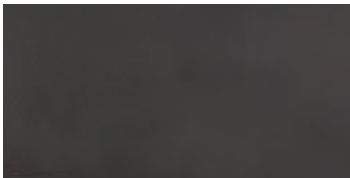
# HOLLYWOOD™

*Glazed Porcelain*

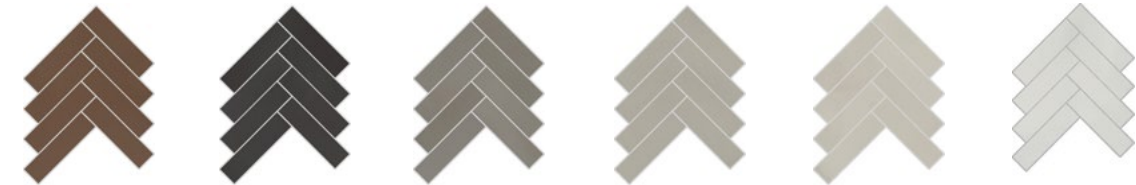
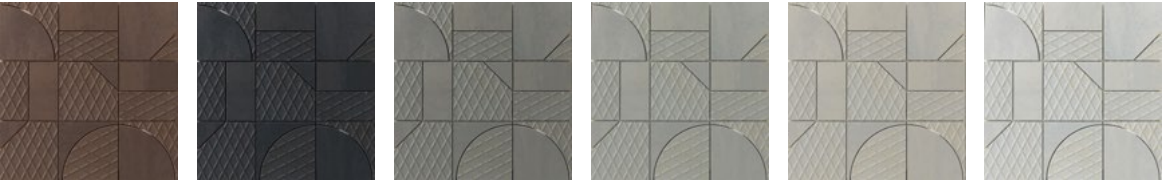




FLOOR / WALL  RESIDENTIAL  COMMERCIAL  INDOOR  OUTDOOR 

			
White	Ridge White	Gray	Ridge Gray
			
Silver	Ridge Silver	Rust	Ridge Rust
			
Ivory	Ridge Ivory	Carbon	Ridge Carbon

Mosaics



Rust      Carbon      Gray      Silver      Ivory      White



31" x 31"  
31.38" x 31.38"

9mm

18

Matte

Rectified

1/8"



12" x 23"  
11.70" x 23.48"

9mm

72  
36 (Ridge Pattern)

Matte

Rectified

1/8"



12" x 12" Mesh

Check Website

Check Website

Matte

Cut

Check Website



17" x 17" Mesh

Check Website

N/A

Matte

Cut

Check Website



3" x 12"  
Floor SBN

Check Website

N/A

Matte

Cut/Rounded

1/8"

III

>350 lbf

Resistant

<0.5%

>0.60 (Flat)  
<0.42 (Ridge)

7

V2

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- VOC Free
- Recycled Content 9.8-39.6% Pre-Consumer and 0% Post-Consumer

The striking colorways and rich movement of Ironworx™ were inspired by molten metal as it is being forged. This porcelain tile brings to life the style and sophistication of metal in an easy to maintain finish. The matching Ridge pattern adds dimension and subtle texture making Ironworx the perfect centerpiece for floors and walls.

# IRONWORX™

*Glazed Porcelain*







Indigo View



Perla Chevron






Perla



Indigo

All Colors Available in Size 16"x47" Gloss Finish | Suitable for Wall Applications Only | Glazed Ceramic  
Indigo & Perla Colors Available in Size 12"x24" Polished and Matte Finish | Suitable for Floor and Wall Applications | Glazed Porcelain

Sizes					
	16"x47" 15.75" x 47.24"		12"x24" 11.81" x 23.62"		3"x12" Floor SBN
Thickness	10.5mm		Matte: 9mm Polished: 9.5mm		Matte: Check Website Polished: Check Website
Grout Joint Recommendation	3/16"		3/16"		
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	>350 lbf (12x24) >125 lbf (16x47)	Resistant	<0.5% (12x24) <20% (16x47)	6 (12x24 M) 5 (12x24 P) >3 (16x47)	V4

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - Recycled Content 0% Pre- & Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Kudos™ to this beautiful and durable stone-looking porcelain. The variations and veining in cool grays, blues and greens make each tile unique. The stone-look tile is durable and easy to clean. From floor to wall, for both residential and commercial applications, the possibilities are endless.

**KUDOS™**  
*Glazed Ceramic & Porcelain*







Canton




Rue



Maison

Sizes				
	6" x 35" 5.91' x 35.43'		6" x 24" 5.91' x 23.72'	
Thickness	9mm		9mm	
Faces	9		9	
Finish	Matte		Matte	
Edge	Pressed		Pressed	
Grout Joint Recommendation	3/16"		3/16"	

**Product and Installation Details | ANSI A108.02**  
 Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.




Recommended 33% Offset\*

Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	>400 lbf	Resistant	<0.5%	>0.45	7	V3



### Sustainability Attributes

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Larchmont™ embodies the earthy aesthetic of natural wood in a durable porcelain tile. Warm hues create an inviting atmosphere in a traditional wood plank size.

# LARCHMONT™

*Glazed Porcelain*



FLOOR / WALL

RESIDENTIAL

COMMERCIAL

INDOOR

OUTDOOR



White



Taupe


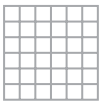

Mosaics



White



Taupe

		
12" x 24" 11.81" x 23.62"	12" x 12" Mesh 11.81" x 11.81"	3" x 12" Floor SBN
10mm	10mm	10mm
24	N/A	N/A
Matte	Matte	Matte
Pressed	Cut	Cut
1/8"	5/64"	5/64"

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joining patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



IV

≥500 lbf

Resistant

≤0.50%

>0.50

7

V2

• VOC Free

Inspired by the ethereal beauty of the northern lights, Latitude™ is offered in four elegant, neutral colors and coordinating mosaics.

# LATITUDE™

*Glazed Porcelain*







White



Sand



Gray



Havana



Brown



8" x 47"  
783" x 4701"

9mm

20

Matte

Rectified

3/16"

III

≥350 lbf

Resistant

≤0.50%

≥0.50

6

V3

- VOC Free
- Recycled Content 40% Pre & Post-Consumer

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



Recommended 33% Offset\*

Inspired by rustic wood, Legacy™ is a glazed porcelain series available in earthy colors and a trending plank format.

# LEGACY™

*Glazed Porcelain*





FLOOR / WALL

RESIDENTIAL

COMMERCIAL

INDOOR

OUTDOOR



Capri






Elba



Manza



Ulivo

		
23" x 47" 23.46" x 47.01"	12" x 23" 11.69" x 23.46"	3" x 12" Floor SBN
9mm	9mm	9mm
8	8	N/A
Matte	Matte	Matte
Rectified	Rectified	Rectified
1/8"	1/8"	1/8"

Check Website

>250 lbf

Resistant

<0.50%

>0.60

7

V3

• VOC Free

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



Named for the most modern city in the historic Tuscan region of Italy, the Livorno™ collection of porcelain tile evokes the beauty of watercolors with its muted palette and subtle veining. Available in two sizes, it's a perfect complement for a modern design aesthetic with its nod to urban sophistication.

## LIVORNO™

*Glazed Porcelain*





FLOOR / WALL

RESIDENTIAL

COMMERCIAL

INDOOR

OUTDOOR



White

Dust

Moon



Gray

Taupe

Mosaics







White

Dust

Moon

Taupe

Gray

			
24"x47" 23.62"x47.24"	12"x24" 11.81"x23.62"	12"x12" Mesh 11.81"x11.81"	3"x12" Floor SBN
10mm	9mm	9.5mm	10mm
5	20-24	N/A	N/A
Matte	Matte	Matte	Matte
Rectified	Rectified	Cut	Cut/Rounded
1/8"	1/8"	1/16"	5/64"

R11 Anti-slip finish available.  
See Commercial Extension Product section.

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joining patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



IV

≥550 lbf

Resistant

≤0.50%

≥0.60

7

V2

- VOC Free
- Recycled Content >20% Pre-Consumer

Milestone™ embodies the natural elements of slate produced in glazed body match porcelain. Milestone™ is offered in versatile colors and texture variations for a natural aesthetic.

# MILESTONE™

*Glazed Body Match Porcelain*







Hikari



Daku



Shiro



Gure



Oxford

SIZES	<div></div>						
	8" x 35" 7.87" x 35.43"						
	10mm						
	9						
	Matte						
	Pressed						
Grout Joint Recommendation		3/16"					
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	>500 lbf	Resistant	<0.50%	>0.55	8	V2


Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes

- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free
  - Recycled Content 0% Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Mokuzai II™ captures a timber-inspired design in a porcelain tile. Through high-definition printing, vivid detail is used to achieve appealing wood tones in large format planks.

# MOKUZAI II™

*Glazed Porcelain*



FLOOR / WALL

RESIDENTIAL

COMMERCIAL







INDOOR

OUTDOOR



Mosaics



					
23"x47" 23.43"x46.99"	12"x23" 11.65"x23.43"	12"x12" Mesh	3"x12" Floor SBN	Cove Base*	Cove Base Corner Out*
10mm	9mm	9mm	9mm	Check Website	Check Website
21	84	N/A	N/A	N/A	N/A
Matte	Matte	Matte	Matte	Matte	Matte
Rectified	Rectified	Cut	Cut/Rounded	Cut/Rounded	Cut/Rounded
3/16"	3/16"	3/16"	3/16"	3/16"	3/16"

R11 Anti-slip finish available.  
See Commercial Extension Product section.

**Product and Installation Details** | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



IV

>450 lbf

Resistant

<0.50%


>0.65

9

V3

- VOC Free
- Recycled Content 0% Pre & Post-Consumer

Please inquire for availability, may require MOQ & leadtime.



Mood™ is reminiscent of the quartzite stone from Vals, in the canton of the Grisons, Switzerland, translated into a durable porcelain tile. Offered in large scale format and trendy hues, Mood is designed for those who want to surround themselves with natural beauty.

MOOD™  
*Glazed Porcelain*









Drift



Cue

Sizes																
	12" x 24" 11.81" x 23.62"				3" x 12" Floor SBN				6" x 13" Cove Base				1" x 6" Cove Base Corner Out			
	10mm				10mm				10mm				9mm			
	24				N/A				N/A				N/A			
	Matte				Matte				Matte				Matte			
	Pressed				Cut/Rounded				Cut/Rounded				Pressed			
Grout Joint Recommendation	1/16"				1/8"				1/8"				1/8"			
Testing	Abrasion Resistance C1027		Breaking Strength C648		Chemical Resistance C650		Water Absorption C373		DCOF ANSI A137.1		Scratch Hardness MOHS		Shade Variation Rating			
	IV		≥600 lbf		Resistant		≤0.50%		≥0.55		7		V2			

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free



\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Motion™ recreates the look of veincut limestone in glazed porcelain using high-definition printing. Its striking graphic imaging makes any application a fashion statement.

MOTION™  
*Glazed Body Match Porcelain*





LARGE FORMAT

FLOOR / WALL

RESIDENTIAL

COMMERCIAL

INDOOR

OUTDOOR



White










Silver



Gray

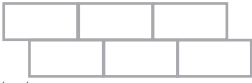


Taupe

						
63"x126" 62.85"x125.79"	31"x31" 31.39"x31.39"	23"x47" 23.46"x47.01"	12"x23" 11.69"x23.46"	3"x12" Floor SBN	6"x13" Cove Base	1"x6" Cove Base Corner Out
6mm	9mm	9mm	9mm	9mm	9mm	9mm
3	24	10	30	N/A	N/A	N/A
Matte	Matte	Matte	Matte	Matte	Matte	Matte
Rectified	Rectified	Rectified	Rectified	Cut	Cut	Cut
1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
III	>500 lbf	Resistant	<0.50%	≥0.60	7	V2

R11 Anti-slip finish available.  
See Commercial Extension Product section.

**Product and Installation Details** | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



Recommended 33% Offset\*

- VOC Free
- Recycled Content >40% Pre-Consumer

Network™ is a recreation of concrete with an industrial, avant-garde look. Offered in large format sizes and stunning hues, Network™ is sure to create a bold statement.

**NETWORK™**  
*Glazed Porcelain*







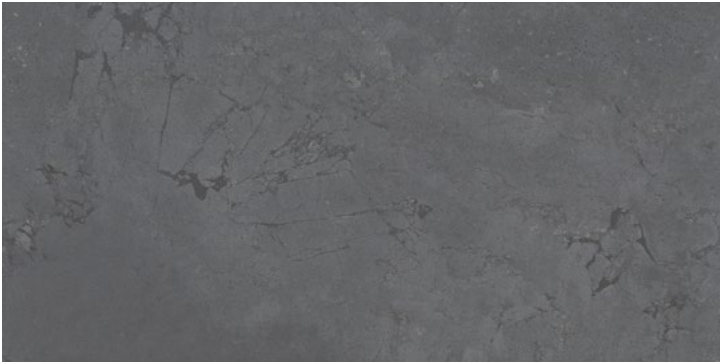
Bay



Harbor



Ferry



Pier

Mosaics



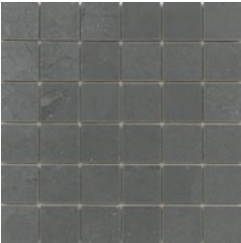
Bay



Harbor



Ferry



Pier

SIZES									
	12" x 24" 12.20" x 24.02"			12" x 12" Mesh			3" x 12" Floor SBN		
	9mm			9.5mm			9.5mm		
	16			N/A			N/A		
	Matte, Lappato			Matte			Matte		
	Rectified			Cut			Cut/Rounded		
Grout Joint Recommendation	1/8"			1/8"			1/8"		
Testing	Abrasion Resistance C1027		Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating	
	IV		>400 lbf	Resistant	<0.50%	>0.65	7	V2	

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



Sustainability Attributes

- Red List Free
- Health Product Declaration (HPD) provided upon request
- Product Packaging is 100% recyclable
- VOC Free
- Recycled Content 0% Pre & Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Newport™ artfully blends the look of marble and concrete, creating a notable design aesthetic. Cool undertones highlight the trending industrial look of spaces.

# NEWPORT™

*Glazed Porcelain*







White



Gray



Blue

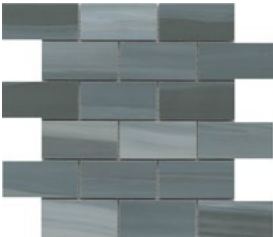
Mosaics



White



Gray



Blue



12" x 24"  
11.81" x 23.62"

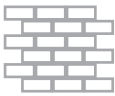
8.5mm

18

Matte

Pressed

1/8"



12" x 12" Mesh  
11.81" x 11.81"

8.5mm

N/A

Matte

Cut

1/8"



3" x 24"  
Floor SBN

8.5mm

N/A

Matte

Cut/Rounded

1/8"

III

≥350 lbf

Resistant

≤0.50%

>0.50

5

V3

• VOC Free

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



Offered in soothing, cool tones, Nova™ recreates the classic look of natural stone in a glazed porcelain tile. The soft veining and tonal variation creates depth and textural interest in any application.

**NOVA™**  
*Glazed Porcelain*





FLOOR / WALL

RESIDENTIAL

COMMERCIAL

INDOOR

OUTDOOR



Bianco






Tortora



Grigio



Antracite

		
24" x 47" 23.62" x 47.24"	12" x 24" 11.81" x 23.62"	3" x 12" Floor SBN
10mm	9.5mm	9.5mm
8	32	N/A
Matte	Matte	Matte
Rectified	Rectified	Cut/Rounded
1/8"	1/8"	1/8"

III - V

>625 lbf

Resistant

<0.50%

>0.42

6

V2

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- VOC Free
- Recycled Content 20% Pre-Consumer

Outpost™ is a contemporary stone look featuring harmonious variations in hues ideal for any space. The industrial look of stone is combined with warm earthy colors to create the ideal aesthetic.

OUTPOST™  
*Glazed Body Match Porcelain*

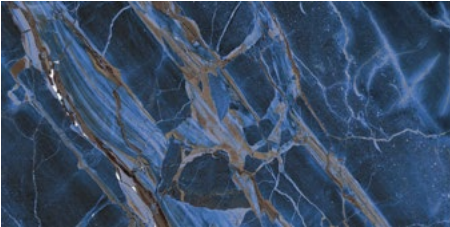




Polished



Astral



Blue



Brown

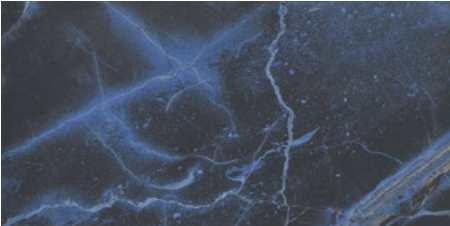


White

Matte



Astral



Blue





Brown



White

Polished Not Recommended for Use as Commercial Wet Area Flooring or Outdoor Flooring

Sizes							
	24"x47" 23.46"x47.05"	12"x24" 11.69"x23.46"					
Thickness	7mm	7mm					
Faces	Brown & White: 8 Blue & Astral: 9	Brown & White: 32 Blue & Astral: 36					
Finish	Polished	Matte & Polished					
Edge	Rectified	Rectified					
Grout Joint Recommendation	1/8"	1/8"					
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	Matte: V (Ast./Wht.) II (Blu./Brn.) Polished: II	>350 lbf	Resistant	<0.50%	>0.60 (Matte) <0.42 (Polished)	6 (Matte) 4 (Polished)	V2

R11 Anti-slip finish available.  
See Commercial Extension Product section.

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes

  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free



\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Inspired by the world's finest marbles, Parkview™ offers traditional marble looks with classic whites and the deepest blacks as well as unconventional marbles with its deep, rich cobalt blue. Each unique tile is enhanced by contrasting veining and striking golds. The thin 7mm thickness offers exceptional hygienic and ease-of-maintenance properties and installation is a breeze.

## PARKVIEW™

*Glazed Porcelain*







Annata



Dolce



Secco



Talento

Mosaics



Annata



Dolce



Secco



Talento

SIZES	<div><div></div><div>24" x 24"</div><div>23.62" x 23.62"</div></div>				<div><div></div><div>12" x 24"</div><div>11.81" x 23.62"</div></div>				<div><div></div><div>12" x 12" Mesh</div><div>11.81" x 11.81"</div></div>				<div><div></div><div>3" x 12"</div><div>Floor SBN</div></div>			
	10.5mm				10mm				8.5mm				10mm			
	8				11				N/A				20			
	Matte				Matte				Matte				Matte			
	Pressed				Pressed				Cut				Cut/Rounded			
Grout Joint Recommendation	3/16"				3/16"				3/16"				3/16"			
TESTING	Abrasion Resistance C1027				Breaking Strength C648				Chemical Resistance C650				Water Absorption C373			
	IV				>400 lbf				Resistant				<0.50%			
RESULTS*													DCOF ANSI A137.1			
													>0.42			
													Scratch Hardness MOHS			
													6			
													Shade Variation Rating			
													V2			

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes

• Red List Free

• Health Product Declaration (HPD) provided upon request

• Product Packaging is 100% recyclable

- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Looking for a design moment? Look no further than Pienza™. Named after a glorious Tuscan town, the collection delivers a sophisticated look for the home. Four neutral colorways offer depth, texture and unique looks.

**PIENZA™**  
*Glazed Porcelain*







Smoke



Oak



Gray

Sizes	<div></div>	
	6"x36" 5.91"x35.43"	6"x24" 5.91"x23.62"
Thickness	10mm	10.5mm
Faces	20	20
Finish	Matte	Matte
Edge	Pressed	Pressed
Grout Joint Recommendation	3/16"	3/16"

Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	≥300 lbf	Resistant	≤0.50%	≥0.60	7	V2

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Pocono™ mimics the unique gradations and variances found in natural wood. This series is offered in sizes inspired by natural wood flooring and durable glazed porcelain.

**POCONO™**  
*Glazed Porcelain*







Moon



Midnight



Caramel




Coffee

Sizes	<div><div></div><div></div><div></div></div>						
	12" x 47" 11.61" x 47.24"		8" x 47" 7.68" x 47.24"		6" x 47" 5.71" x 47.24"		
	Thickness		11.3mm		11.3mm		
	Faces		20		30		
	Finish		Matte		Matte		
	Edge		Rectified		Rectified		
	Grout Joint Recommendation		3/16"		3/16"		
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	III	≥250 lbf	Resistant	≤0.50%	>0.60	6	V4

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Porch™ features subtle wood grain movement that flows across tile panels. Caramel and coffee inspired tones invite color variation on interior and exterior floors. An understated matte finish completes the glazed porcelain tile for enhanced visual depth.

**PORCH™**  
*Glazed Porcelain*







White



Ivory

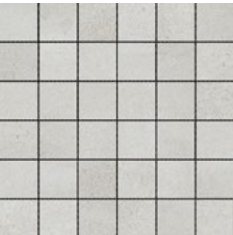


Fawn

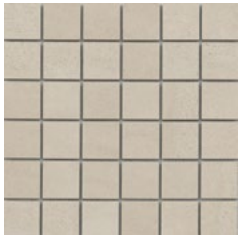


Charcoal

Mosaics



White






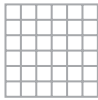

Ivory



Fawn




Charcoal

Sizes							
	32"x32" 31.50"x31.50"	24"x24" 23.62"x23.62"	12"x24" 11.81"x23.62"	12"x12" Mesh	3"x12" Floor SBN		
Thickness	10mm	9mm	9mm	9mm	9mm		
Faces	8	8	10	N/A	N/A		
Finish	Matte & Polished	Matte & Polished	Matte & Polished	Matte	Matte & Polished		
Edge	Rectified	Rectified	Rectified	Cut	Cut/Rounded		
Grout Joint Recommendation	3/16"	3/16"	3/16"	3/16"	3/16"		
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	III	>550 lbf	Resistant	<0.50%	>0.50 (Matte) <0.42 (Polished)	7 (Matte) 6 (Polished)	V3

Polished not recommended for use as commercial or outdoor flooring.

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

• VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Porto II™ is inspired by the simplistic look of concrete and stone in large format sizes and a range of colors. Available in matte or polished, Porto II is ideal for both residential and commercial spaces.

## PORTO II™

*Glazed Porcelain*







Ivory



Dove

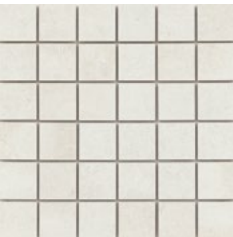


Fawn



Gray

Mosaics



Ivory








Dove



Fawn



Gray

SIZES							
	18" x 18" 17.72" x 17.72"	13" x 13" 12.99" x 12.99"	12" x 24" 11.73" x 23.62"	13" x 13" Mesh 12.60" x 12.60"	3" x 13" Floor SBN		
	8.8mm	7.8mm	9.8mm	8.3mm	8.3mm		
	7	13	9	N/A	N/A		
	Matte	Matte	Matte	Matte	Matte		
	Pressed	Pressed	Pressed	Cut	Cut/Rounded		
	1/8"	1/8"	1/8"	5/32"	3/16"		
Grout Joint Recommendation							
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	≥350 lbf	Resistant	≤0.50%	≥0.70	7	V3

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Potenza™ embodies the earthy aesthetic of travertine in a durable porcelain tile. The linear brushed look creates a harmonious flow in a variety of colors.

**POTENZA™**  
*Glazed Porcelain*







Alto



Manu



Pampa



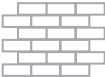

Mosaics



Alto

Manu

Pampa

SIZES							
	13" x 13" 12.99" x 12.99"	12" x 24" 11.81" x 23.62"	13" x 13" Mesh	3" x 13" Floor SBN			
	7.8mm	9mm	9mm	7.5mm			
	47	37	N/A	N/A			
	Matte	Matte	Matte	Matte			
	Pressed	Pressed	Cut	Cut/Rounded			
Grout Joint Recommendation	3/16"	3/16"	3/16"	3/16"			
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	≥400 lbf	Resistant	≤0.50%	≥0.56	7	V3


Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes

- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Showcasing the complex veining of rare marble, Reserva™ brings to life the timeless look with multiple sizes and stunning colors.

# RESERVA™

*Glazed Porcelain*







White



Diagonal



Spade



Black



Floral



Argyle



Pattern Suggestions

SIZES	<div><div></div><div>13"x13" 12.99"x12.99"</div></div>						
	Thickness10mm						
	Faces1						
	FinishMatte						
	EdgePressed						
Grout Joint Recommendation	1/8"						
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	Results* III	>400 lbf	Resistant	<0.50%	>0.60	6	V2



- Sustainability Attributes

  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



With Rhapsody®, the design possibilities are endless. Create a classic black and white checkered pattern or utilize any combination of the solids and patterns to create your own masterpiece. The alluring distressed finish makes a statement in any room.

**RHAPSODY®**  
*Glazed Porcelain*







White Hex Pattern



Black Hex Pattern



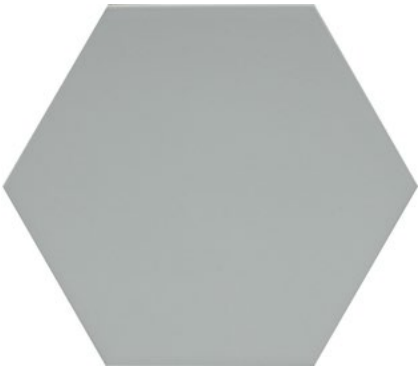
Silver Hex Pattern



White Hex




Black Hex



Silver Hex

Pattern tiles not recommended for floor applications.

SIZES							
	11" x 13" 11.22" x 12.99"						
	Thickness						
	9mm						
	Faces						
FINISH	1						
	Matte						
	Edge						
Grout Joint Recommendation	Pressed						
	1/8"						
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	>275 lbf	Resistant	<0.50%	>0.42 (Solid) <0.42 (Pattern)	6	V1

-  Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Rhythm™ creates a stunning look in your space with its geometric shape and unique design detail. Available in Black, White, and Silver and in solid or pattern designs, Rhythm brings new life to the traditional hex. Combine pattern tiles with solid and create a truly memorable, and design inspired look.

**RHYTHM™**  
*Glazed Porcelain*



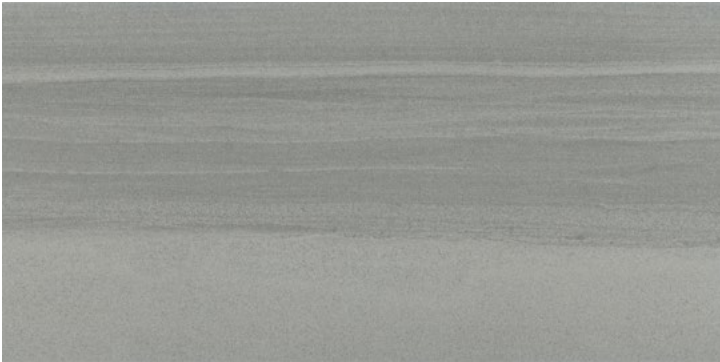




Gobi



Kalahari



Mojave



Sahara

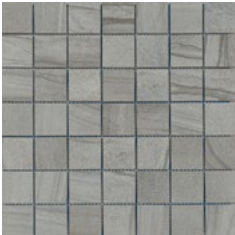
Mosaics



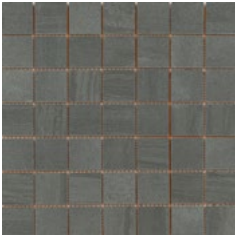
Gobi



Kalahari



Mojave



Sahara

SIZES	<div><div></div><div>12"x24" 11.81"x23.62"</div></div>			<div><div></div><div>13"x13" Mesh 13.07"x13.07"</div></div>			<div><div></div><div>3"x12" Floor SBN</div></div>		
	9.8mm			9.8mm			9.5mm		
	16			N/A			N/A		
	Matte			Matte			Matte		
	Pressed			Cut			Cut Rounded		
	3/16"			3/16"			3/16"		
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating		
	III	≥300 lbf	Resistant	≤0.50%	≥0.50	7	V2		

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.




- Sustainability Attributes

• Red List Free

• Health Product Declaration (HPD) provided upon request

• Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Sandstorm™ reflects the captivating layers of sandstone in a glazed porcelain tile. High-definition printing enables natural-looking color variation, veining and fissure lines for which natural stone is known.

# SANDSTORM™

*Glazed Porcelain*







Contour



Figure



Profile



Shadow

Mosaics



Contour



Figure



Profile



Shadow

SIZES	<div><div></div><div>12"x24" 11.81"x23.62"</div></div>			<div><div></div><div>13"x13" Mesh</div></div>			<div><div></div><div>3" x12" Floor SBN</div></div>		
	9.8mm			9.8mm			9.7mm		
	6			N/A			N/A		
	Matte			Matte			Matte		
	Pressed			Cut			Cut/Rounded		
	1/8"			3/16"			3/16"		
TESTING	Abrasion Resistance C1027		Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating	
	III		≥700 lbf	Not Resistant	≤0.50%	≥0.55	6	V3	


Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes

- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Inspired by the artistic blend of watercolors, Silhouette™ strides in with soft tones and linear flow creating an inviting environment.

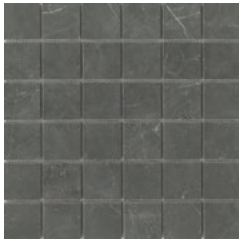
# SILHOUETTE™

*Glazed Porcelain*

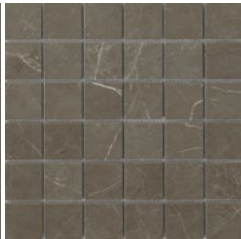




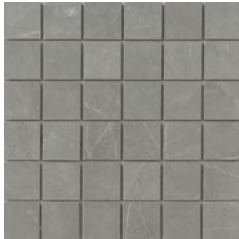
Asphalt



Henna



Dove



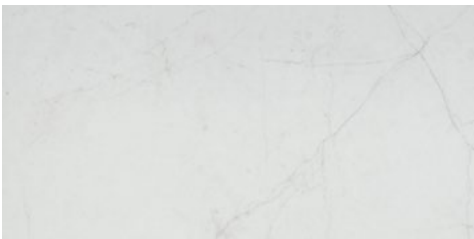
Ivory



Gray



Silver



White



Sizes							
	24" x 24" 23.82" x 23.82"	24" x 47" 11.81" x 23.62"	12" x 24" 11.81" x 23.62"	6" x 12" 11.81" x 23.62"	9" x 10"	13" x 13" Mesh 12.60" x 12.60"	3" x 12" Floor SBN
Thickness	9.3mm	10.2mm	8.4mm	8.4mm	8mm	9mm	8.4mm
Faces	12	6	12	12	Check Website	N/A	N/A
Finish	Matte & Polished	Matte & Polished	Matte & Polished	Polished	Matte	Matte	Matte & Polished
Edge	Rectified	Rectified	Rectified	Rectified	Check Website	Cut	Cut/Round
Grout Joint Recommendation	1/8"	1/8"	1/8"	3/64"	Check Website	1/8"	1/8"
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	>345 lbf	Resistant	<0.50%	>0.55 (Matte) <0.42 (Polished)	7 (Matte) 3 (Polished)	V2 V3 (6" x 12")

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

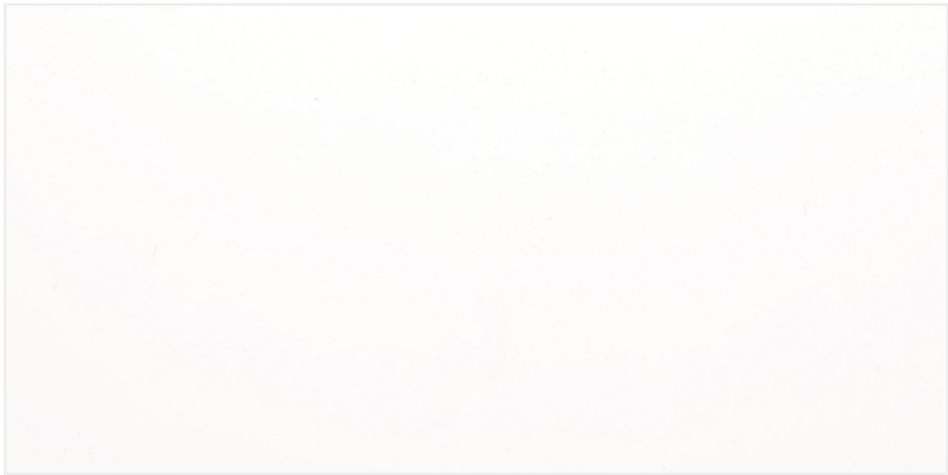
Sterlina™ beautifully unifies the look of timeless marble with the urban touch of concrete. Available in matte and polished finish and seven colorways to achieve any desired look.

# STERLINA™

*Glazed Porcelain*

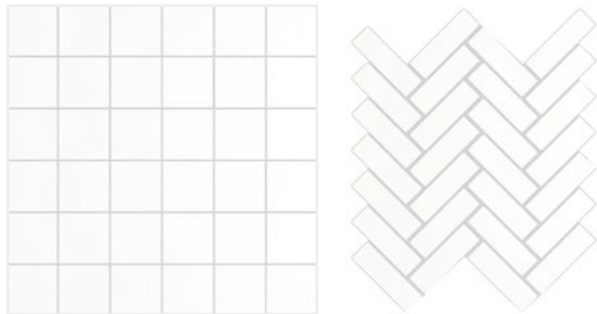













Pure White

Mosaics



Sizes							
	32" x 32" 31.50" x 31.50"	24" x 47" 23.62" x 47.24"	24" x 24" 23.62" x 23.62"	12" x 24" 11.81" x 23.62"	12" x 12" Mesh	12" x 12" Mesh	3" x 12" Floor SBN
	9.5mm	9.5mm	9.5mm	9.5mm	9.4mm	9.4mm	9.5mm
	1	1	1	1	N/A	N/A	1
	Polished	Polished	Matte & Polished	Matte & Polished	Matte	Polished	Matte & Polished
Edge	Rectified	Rectified	Rectified	Rectified	Cut	Cut	Cut/Rounded
Grout Joint Recommendation	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV (Matte) III (Polished)	>400 lbf	Resistant	<0.50%	>0.55 (Matte) <0.42 (Polished)	7 (Matte) 5 (Polished)	V1

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Cool and clean, Style II™ offers multiple sizes and a linear mosaic for a contemporary installation perfect for any application.

## STYLE II™

*Glazed Porcelain*










Alps



Vadret

SIZES							
	24"x24" 23.62"x23.62"	12"x24" 11.61"x23.62"	3"x12" Floor SBN				
	8.2mm	8.2mm	9mm				
	6	20	N/A				
	Polished	Polished	Polished				
	Rectified	Rectified	Cut/Rounded				
Grout Joint Recommendation	3/16"	3/16"	3/16"				
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	III	>350 lbf	Resistant	<0.50%	<0.42	3	V2

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Recreate the elegant look of marble and stone and add a touch of elegance and natural beauty to any space.

SWEDEN™  
*Glazed Porcelain*







Bianco



Palladio

Sizes									
	24" x 24" 23.62" x 23.62"			12" x 24" 11.81" x 23.62"			3" x 24" Floor SBN		
	10mm			10mm			10mm		
	8			16			N/A		
	Polished			Matte			Matte & Polished		
	Pressed			Rectified			Cut/Rounded		
Grout Joint Recommendation	3/16"			1/8"			1/8"		
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating		
Results*	III	≥250 lbf	Resistant	≤0.50%	≥0.42	6	V2		

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.




- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

- VOC Free



\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Terazio™ is an alluring recreation of quartz-like attributes in a durable porcelain tile. High-definition inkjets create natural speckled variations on the surface in neutral earth tones. Terazio provides a smooth, luminous finish for residential and commercial applications.

TERAZIO™  
*Glazed Porcelain*

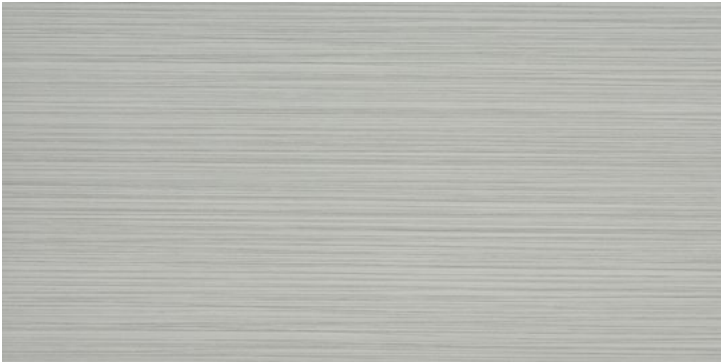




White

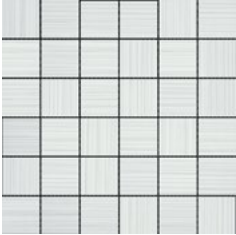


Oyster



Silver

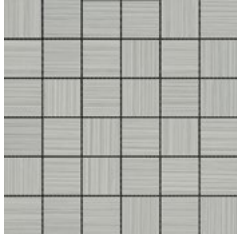
Mosaics



White



Oyster



Silver

SIZES	<div><div></div><div>12"x24"</div></div>			<div><div></div><div>12"x12" Mesh</div><div>11.81"x11.81"</div></div>			<div><div></div><div>3"x12"</div><div>Floor SBN</div></div>		
	9mm			9mm			9mm		
	1			N/A			N/A		
	Matte			Matte			Matte		
	Rectified			Cut			Cut/Rounded		
	1/8"			Check Website			Check Website		
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating		
	III	>325 lbf	Resistant	<0.50%	>0.42	7	V1		

**Product and Installation Details |** ANSI A108.02  
Section 4.3.8.2 - For running bond/brick jointing patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.

Recommended 33% Offset\*



Inspired by woven textiles, Thread II™ offers a subtle color palette with coordinating mosaics.

# THREAD II™

*Glazed Porcelain*







White



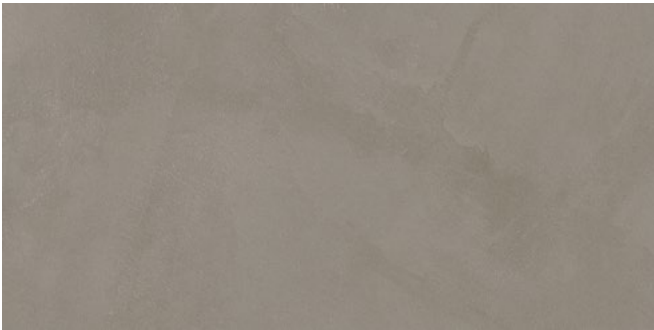
Almond



Steel



Ocean



Taupe

SIZES	<div><div></div><div></div><div></div></div>						
	12" x 35" 11.71" x 35.3"	12" x 24" 11.71" x 23.50"	3" x 12" Floor SBN				
	8mm	9.5mm	Check Website				
	8	32	N/A				
	Matte	Matte	Matte				
	Edge	Rectified	Rectified	Cut/Rounded			
	Grout Joint Recommendation	1/8"	1/8"	1/8"			
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	II	>350 lbf	Resistant	<0.50%	>0.60	7	V2

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

- VOC Free



\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Trendz™ takes fashion to a new level by combining sophisticated colors with subtle shimmer. The result is undeniably beautiful. From the cool ocean blue to the contemporary steel gray, Trendz is sure to have a look to match any decor. Available in two sizes including a large 12x35 plank and is ideal for any room where a twist on traditional looks is desired.

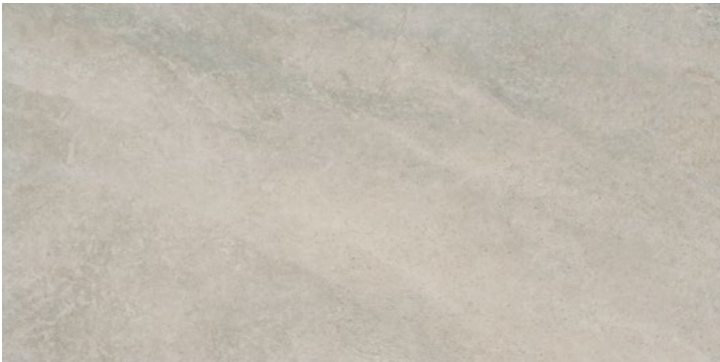
**TRENDZ™**  
*Glazed Porcelain*







Album



Diary

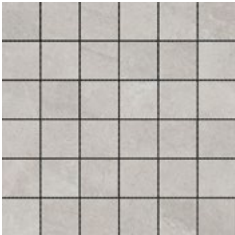


Journal

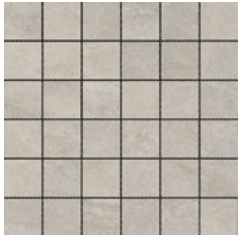


Ledger

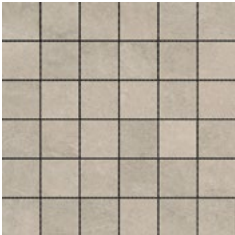
Mosaics



Album



Diary



Journal



Ledger

SIZES	<div><div></div><div></div><div></div><div></div><div></div></div>							
	21" x 21"	13" x 13"	12" x 24"	13" x 13" Mesh	3" x 13" Floor SBN			
	21.38" x 21.38"	13.07" x 13.07"	12.2" x 24.02"					
	8.5mm	8mm	8.5mm	8.5mm	8mm			
	8	16	16	N/A	N/A			
	Matte	Matte	Matte	Matte	Matte			
Grout Joint Recommendation	Pressed	Pressed	Pressed	Cut	Cut/Rounded			
	1/8"	1/8"	1/8"	1/8"	1/8"			
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating	
Results*	IV	>380 lbf	Resistant	<0.50%	>0.55	7	V3	

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes

- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Trovata II™ beautifully recreates the look of stone in glazed porcelain with rustic undertones. Using high definition printing technology, Trovata II™ consists of four colors and coordinating mosaics.

## TROVATA II™

*Glazed Porcelain*





Commercial Catalog

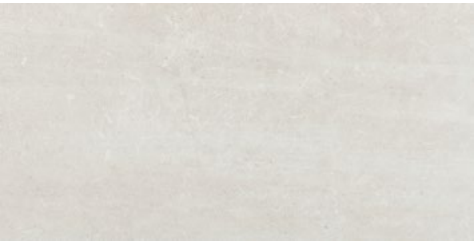
FLOOR / WALL

RESIDENTIAL

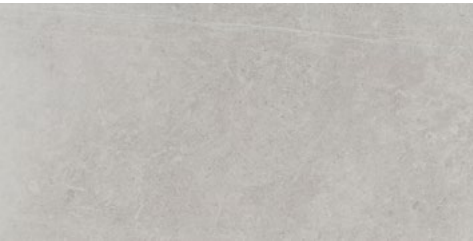
COMMERCIAL

INDOOR


OUTDOOR




Sugar Hill




Manhattan




Morningside



Hamilton



Hudson



Washington

Mosaics



Sugar Hill



Manhattan



Morningside








Hamilton



Hudson

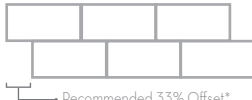


Washington

SIZES							
	24"x47" 24.02"x47.24"	24"x24" 24.02"x24.02"	12"x24" 12.2"x24.02"	12"x12" Mesh 11.81"x11.81"	3"x12" Floor SBN		
	10mm	9mm	9.5mm	10mm	9.5mm		
	6	20	24	N/A	N/A		
	Matte	Matte	Matte	Matte	Matte		
	Rectified	Rectified	Rectified	Cut	Cut/Rounded		
Grout Joint Recommendation	1/8"	1/8"	1/8"	5/64"	5/64"		
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	IV	≥850 lbf	Resistant	≤0.50%	≥0.65	7	V2

**R11** Anti-slip finish available.  
See [Commercial Extension Product section](#).

**Product and Installation Details** | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



Recommended 33% Offset\*

Uptown™ features subtle textures and color variation giving it a timeless, urban feel.  
All colors are offered in a coordinating mosaic for a variety of installation options.

UPTOWN™

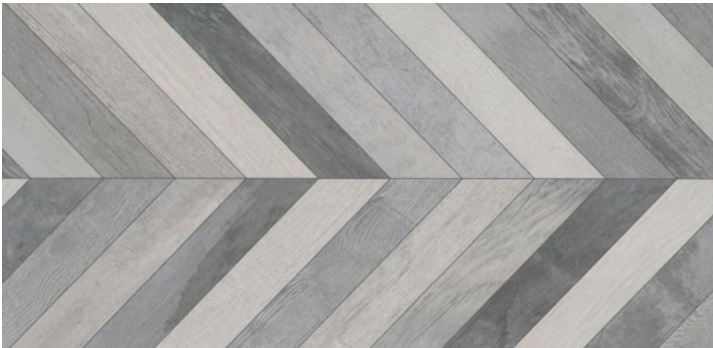
*Glazed Body Match Porcelain*



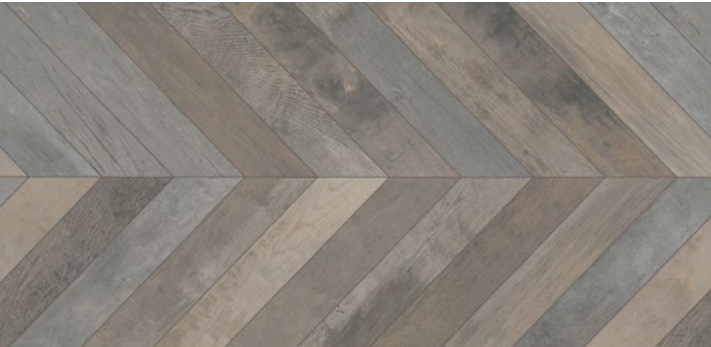




Force



Rate



Pulse

SIZES	<div>17" x 35"</div> <div>17.40" x 35.04"</div>						
	11mm						
	3						
	Matte						
	Rectified						
	1/16"						
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
	Results* IV	≥650 lbf	Resistant	<0.50%	>0.55	9	V2

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Velocity™ uniquely displays the varied colors and textures of distressed wood. A popular chevron pairs natural and painted wood tones for rustic, yet modern appeal. Plank tiles invite creative layouts for geometric designs that play on patterns.

## VELOCITY™

*Glazed Porcelain*









Trav Silver



Trav Beige



Cemento Gray

Sizes							
	24"x24" 23.62"x23.62"	12"x24" Coping					
	20mm	20mm					
	12 (Travertine) 8 (Cemento)	24 (Travertine) 16 (Cemento)					
	Matte	Matte					
	Rectified	Rectified					
Grout Joint Recommendation	1/8"	3/16"					
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	V	≥500 lbf	Resistant	≤0.50%	>0.65	7	V2

**Product and Installation Details | ANSI A108.02**  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Xtra™ replicates the look of concrete and stone in multiple colors.  
This unique collection is suitable for indoor and outdoor spaces.

**XTRA™**  
*Glazed Porcelain*












WALL



					
Glacier S0300-N	Pearl S0502-B	Canvas S0502-R	Dewdrop S0505-B	Misty Teal S1015-B50G	Fresh Mint S1020-G
					
Pebble S1000-N	Horizon S1002-B	Cloudy Day S1005-R50B	Ice Blue S0520-B	Waterfall S2020-B30G	Wilderness S6030-B90G
					
Putty S2000-N	Overcast S2002-B	Light Mink S 2002-R	Seaside S1040-B	Oasis S5040-B30G	Spruce S8010-B90G
					
Pewter S4000-N	Sterling S4502-B	Aluminium S4502-R	Ocean View S1565-B		
					
Boulder S6000-N	Lava Rock S6502-B	Shadow S6502-R	Marina S3040-R90B		
					
Coal S8000-N	Night Shade S7502-B	Peppercorn S8502-R	Bermuda S5040-R90B		
					
Tuxedo S9000-N			Naval S7020-R90B		

Sizes							
	3" x 6"	3" x 6" SBN	3" x 3" Bullnose Corner	6" x 6" Cove Base	1" x 6" Quarter Round	1" x 28" Jolly	1" x 1" Beak
Thickness	7mm						
Grout Joint Recommendation	1/16"						
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating		
Results*	>125 lbf	Resistant	<20.0%	4	Check Website		

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.  
Designed in collaboration with Gensler™ as product design consultant

A simple yet robust collection that can stand on its own or serve as a backbone to complement other collections. A range of cool, warm and neutral colors available in a basic shape enables everything from pure color fields to complex ombre effects.

## BACK TO BASICS™

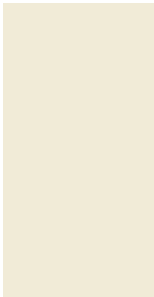
*Glazed Ceramic*



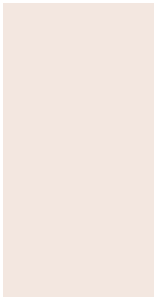




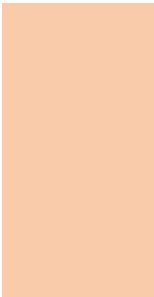
Linen  
S0804-G90Y



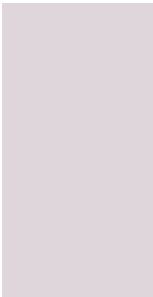
Moonglow  
S0505-Y10R



Petal  
S0505-Y80R



Melon  
S0520-Y50R



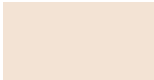
Blushing  
S1005-R30B



Grass Cloth  
S2010-G70Y



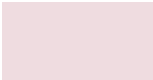
Sundance  
S0520-Y



Soft Lace  
S0505-Y50R



Tangerine  
S0560-Y50R



Bouquet  
S0510-R20B



Limelight  
S1030-G60Y



Canary  
S0570-Y



Apricot  
S1020-Y20R



Terra Cotta  
S3060-Y70R



Salmon  
S0540-Y80R



Fern  
S2040-G70Y



Goldenrod  
S1060-Y10R



Honey  
S3040-Y30R



Blossom  
S2060-Y80R



Citronella  
S1075-G70Y



Leather  
S5040-Y30R



Candy Apple  
S2570-Y90R



Pesto  
S5040-G70Y



Java  
S7020-Y50R



Crimson  
S3060-Y90R



Dark Olive  
S7020-G70Y



Ruby  
S4050-R





Berry  
S6030-R


Sizes


Thickness


Grout Joint Recommendation


  
3"x6"


  
3"x6"  
SBN

  
3"x3"  
Bullnose Corner

  
6"x6"  
Cove Base

  
1"x6"  
Quarter Round

  
1"x28"  
Jolly

  
1"x1"  
Beak

7mm

1/16"

Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	>125 lbf	Resistant	<20.0%	4	Check Website

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.  
Designed in collaboration with Gensler™ as product design consultant

A simple yet robust collection that can stand on its own or serve as a backbone to complement other collections. A range of cool, warm and neutral colors available in a basic shape enables everything from pure color fields to complex ombre effects.

## BACK TO BASICS™

*Glazed Ceramic*



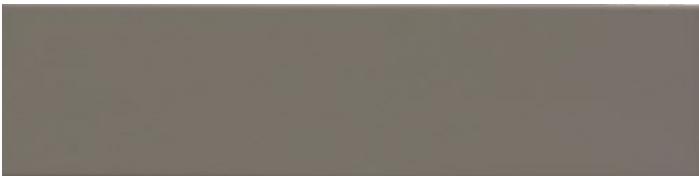




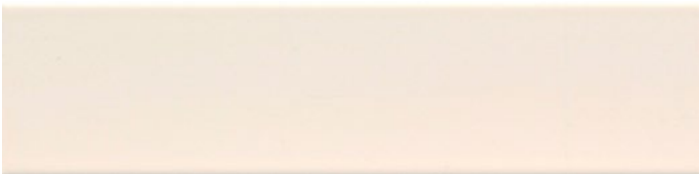
Ice



Gray



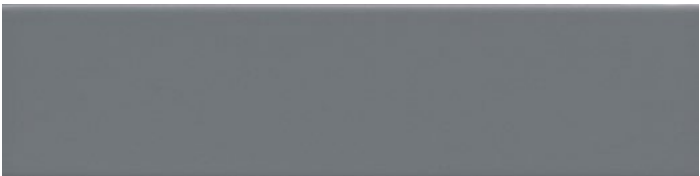
Taupe



Ivory


















Fawn



Silicon

All Colors Available in Matte & Gloss Finish  
6"x6" Available in Ice Gloss Only



Sizes	<div><div>2" x 8" Check Website</div><div>3" x 6" 2.95" x 5.91"</div><div>3" x 12" 2.95" x 11.81"</div><div>4" x 10" 3.94" x 9.84"</div><div>4" x 16" 3.94" x 15.75"</div><div>6" x 18" 5.91" x 17.72"</div><div>6" x 6" 5.91" x 5.91"</div><div>12" x 12" Mesh</div></div>							<div><div>2" x 6", 3" x 12", 4" x 10", 4" x 16" Wall SBN</div><div>2" x 2", 4" x 4" Wall SBN Corner</div><div>1" x 6" Quarter Round</div><div>1/2" x 8" Jolly</div><div>1" x 1" Beak</div><div>6" x 6" Cove Base (P)</div></div>
	Thickness	<div><div>7mm</div><div>7.6mm</div><div>8mm</div><div>7.6mm</div><div>8mm</div><div>7mm</div><div></div></div>						
Grout Joint Recommendation	<div><div>1/8"</div><div>1/8"</div><div>1/8"</div><div>1/8"</div><div>1/8"</div><div>1/8"</div><div>1/8"</div></div>							
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating	<div><div> Sustainability Attributes</div><div><div>• Red List Free</div><div>• Health Product Declaration (HPD) provided upon request</div><div>• Product Packaging is 100% recyclable</div><div>• VOC Free</div><div>• Recycled Content 0% Pre- &amp; Post-Consumer</div></div></div>		
	Results*	>150 lbf	Resistant	<20.0%	3	V1		

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Catch™, a glazed ceramic wall tile that will capture your imagination and inspire truly one-of-a-kind designs. Available in six sizes and both a matte and glossy finish, this is no ordinary subway tile. The cool color tones are reminiscent of ocean waves and bring a sense of serenity to any room.

**CATCH™**  
*Glazed Ceramic*







Hex White



Linear White



Wood White

SIZES	<div></div>				
	13" x 36" 12.99" x 35.83"				
	10mm				
THICKNESS	1/8"				
GROUT JOINT RECOMMENDATION					
TESTING	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
RESULTS*	<250 lbf	Resistant	>7%	5	V1

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 0% Pre- & Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

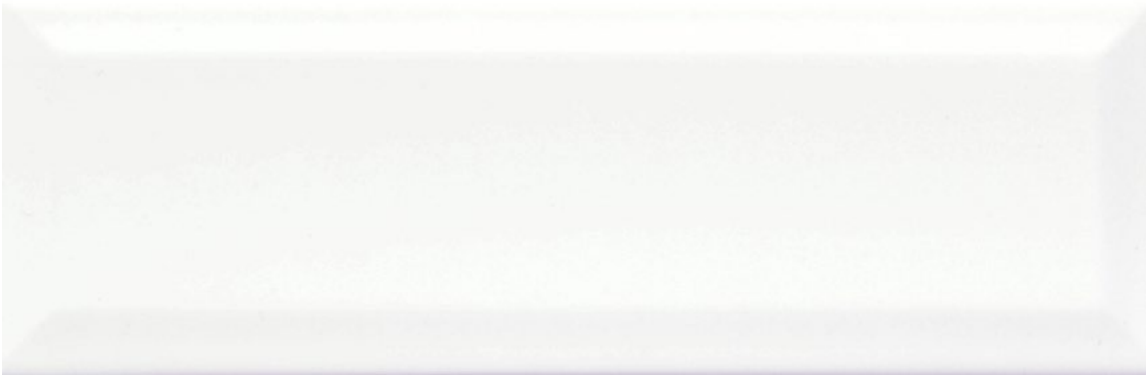
Center™ embraces the harmony of texture and shape. Hex, linear, and wood-inspired motifs act as a design springboard with visual interest. Neutral large format tiles support entire wall and select surface applications.

## CENTER™

*Glazed Ceramic*









White Bevel



Fawn Bevel



Gray Bevel

Sizes					
	4" x 12" 3.94" x 11.81"	3" x 6" 2.95" x 5.91"			
Thickness	7.2mm	7.2mm			
Grout Joint Recommendation	1/16" Stacked 1/8" Staggered	1/16" Stacked 1/8" Staggered			
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	Check Website	Check Website	Check Website	Check Website	V1

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 0% Pre- & Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Choice II™ is a smooth, simplistic tile for an unvaried approach to wall design. Solid colors in beveled and glossy finish provide a clean, modern look and allow for endless design opportunities.

## CHOICE II™

*Glazed Ceramic*







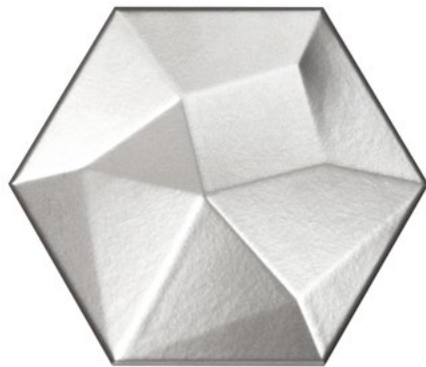
White Hexagon Smooth



White Hexagon 3D



White Hexagon High



Metallic Hexagon High



Calacatta Hexagon Smooth






White Wedge Smooth



White Trapezoid

Suitable for Floor, Wall, and Outdoor Application

SIZES					
	6"x7" Hexagon 5.89"x6.77"	5"x6" Wedge 4.92"x5.91"	4"x9" Trapezoid 3.86"x8.98"		
	Smooth / 3D / High 8mm / 18mm / 21mm	8mm	8.5mm		
Grout Joint Recommendation	1/8"	1/8"	1/8"		
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	<250 lbf	Resistant	>7%	6	V1

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 0% Pre- & Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

The integration of light and shadow effects create dimensional vertical surfaces using simple shapes that shift and transform. Code™ is offered in unique shapes and sizes for a dramatic statement.

CODE™  
*Glazed Ceramic*







White



Ivory




Taupe



Gray



Blue

SIZES					
	10" X 30" 9.84" X 29.53"				
	10.5mm				
THICKNESS	10.5mm				
GROUT JOINT RECOMMENDATION	1/8"				
TESTING	BREAKING STRENGTH C648	CHEMICAL RESISTANCE C650	WATER ABSORPTION C373	SCRATCH HARDNESS MOHS	SHADE VARIATION RATING
RESULTS*	<250 lbf	Resistant	>7%	5	V3

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 0% Pre- & Post-Consumer

Colori™ embodies modern design by embracing color in a glazed ceramic tile. A glossy finish provides reflective qualities that enhance neutrals and a saturated accent color.

COLORI™  
*Glazed Ceramic*







Coal



Gray



Ivory



White

Sizes	<div></div>					
	6" x 24" 5.91" x 24.02"					
Thickness	7-11mm					
Grout Joint Recommendation	3/16"					
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating	
Results*	>350 lbf	Resistant	<0.5%	6	V3	

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content >30% Pre-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.





The unique design of Connect™ provides the appearance of stacked stone in a durable glazed porcelain tile. The texture and variation found on this tile perfectly captures the beautiful characteristics of natural stone. The warm to cool colorways provide a sense of balance to any application.

## CONNECT™

*Glazed Porcelain*







Sage Color Available in 3"x12" Only.  
3"x12" Sizes Available in Matte & Gloss Finish.  
4"x4" & 3"x6" Available in Gloss Finish Only.

SIZES					
THICKNESS					
GROUT JOINT RECOMMENDATION					
TESTING					
Results*	>300 lbf	Resistant	6.0% - 10.0%	3	V1

Sustainability Attributes

- Red List Free
- Health Product Declaration (HPD) provided upon request
- Product Packaging is 100% recyclable
- Recycled Content 0% Pre- & Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Craft II™ is an intriguing statement tile for a crisp, contemporary approach to wall design. Classic neutrals take on an undulating glossy or matte finish for a refreshing complement to any décor.

## CRAFT II™

*Glazed Ceramic*







Pearl Arrow



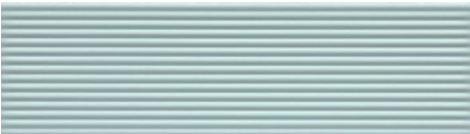
Pearl Linear



Pearl Plain



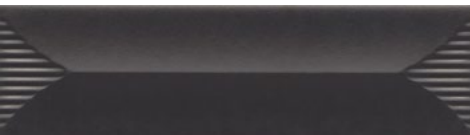
Ocean Arrow



Ocean Linear



Ocean Plain



Ore Arrow



Ore Linear



Ore Plain



Silver Arrow



Silver Linear



Silver Plain



Sizes	<div></div>				
	3" x 12" 2.95" x 11.81"				
	7.5mm				
Thickness	1/8"				
Grout Joint Recommendation					
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	>200 lbf	Resistant	<20.0%	TIP	V1



- Sustainability Attributes**
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 0% Pre- & Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

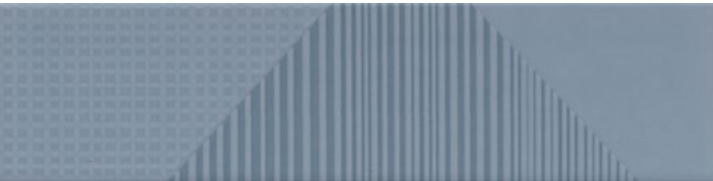
Euphoria™ provides a high end, art deco look to typical subway tile. Available in four stylish colors including white, ocean blue, silver, and metallic gray, Euphoria™ will complement any décor.

## EUPHORIA™

*Glazed Ceramic*



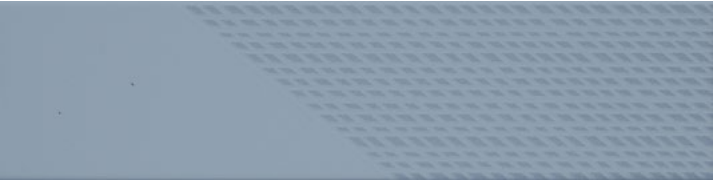




Blue Aglow



Blue Linear



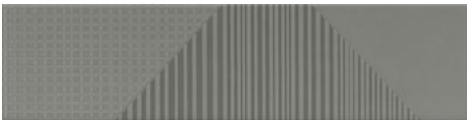
Blue Burst



Blue Glare



Fawn Aglow



Gray Aglow



White Aglow



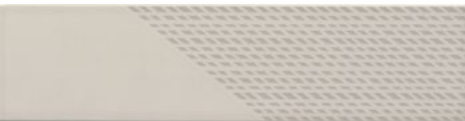
Fawn Linear



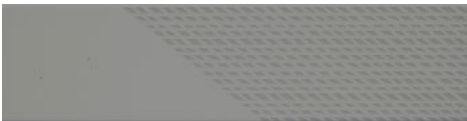
Gray Linear



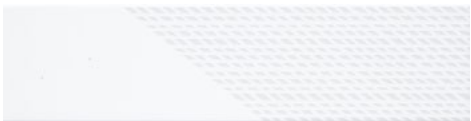
White Linear



Fawn Burst



Gray Burst



White Burst



Fawn Glare



Gray Glare



White Glare

SIZES	<div></div>					
	3" x 12" 2.95" x 11.78"					
	Thickness 8.5mm					
	Grout Joint Recommendation 1/16"					
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating	
Results*	>250 lbf	Resistant	<18.0%	4	V2	



- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 0% Pre- & Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

With Express™ your inner artist will flourish. The unique patterns allow for either a designed pattern, or mix and match for a truly random, and stylized design. Whether you are a design expert or simply want to look like one, Express™ is the ideal product.

**EXPRESS™**  
*Glazed Ceramic*





Ivory



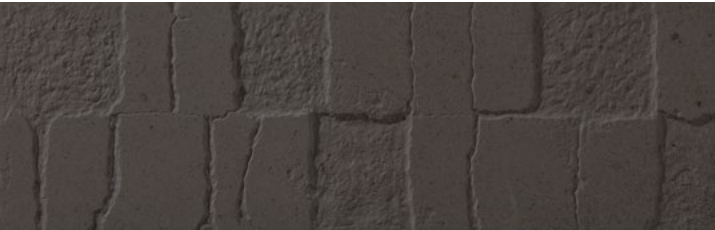
Ivory Flat



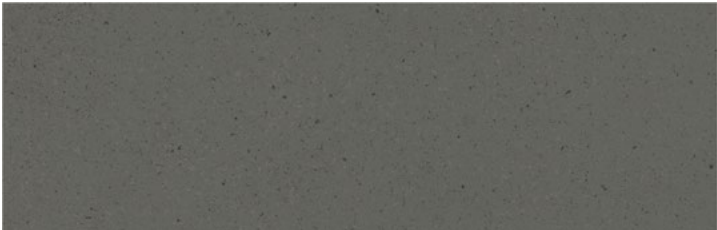
Gray



Gray Flat



Charcoal




Charcoal Flat

SIZES	<div></div>					
	6" x 20" 6.42" x 20.35"					
THICKNESS	11.5mm					
Grout Joint Recommendation	3/16"					
TESTING	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating	
Results*	>250 lbf (Flat)	Resistant (Flat)	<0.5% (Flat) 0.5 - 3% (Pattern)	7 (Flat)	V2	

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Capture the majesty of ancient Greek and Roman civilizations with Fregio™. This ceramic tile harkens to the storied era of conquering empires and brings the look of rugged, chiseled marble to any design.

**FREGIO™**  
*Glazed Ceramic & Porcelain*







Light




Sage



Gray



Blue

SIZES					
	17" x 47" 16.73" x 46.93"				
THICKNESS	10mm				
Grout Joint Recommendation	1/8"				
TESTING	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	>350 lbf	Resistant	7.0% - 20%	Check Website	V2

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 0% Pre- & Post-Consumer



Glow™ makes a striking and beautiful wall design with luminous color and interesting patterns and textures. This large format ceramic tile provides a luxurious option for any installation. Available in four colors and three patterns.

**GLOW™**  
*Glazed Ceramic*







Brick



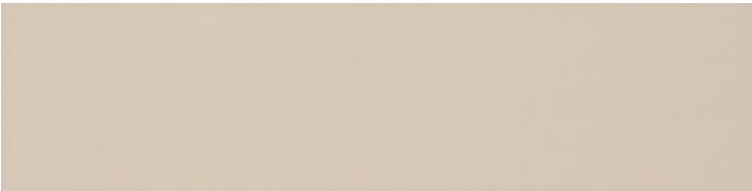
Cement



Ebony






Kale



Linen



White

SIZES					
	<div>3" x 10" 2.56" x 10.24"</div>				
					
THICKNESS	<div>4" x 4" 3.9" x 3.9"</div>				
					
	<div>1/2" x 12" Jolly 0.59" x 11.81"</div>				
Grout Joint Recommendation		1/8"			
TESTING	Breaking Strength	Chemical Resistance	Water Absorption	Scratch Hardness	Shade Variation
	C648	C650	C373	MOHS	Rating
Results*	>150 lbf	Resistant	<20.0%	7	V1

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 30% Pre- & 5% Post-Consumer

Bring a sense of nature to your next design project with Hues™. Available in a wide range of mud-essence colorways, this collection is at once calming and inspiring. While straight edging gives this tile a contemporary feel, the organic surface texture nods to more artisanal roots.

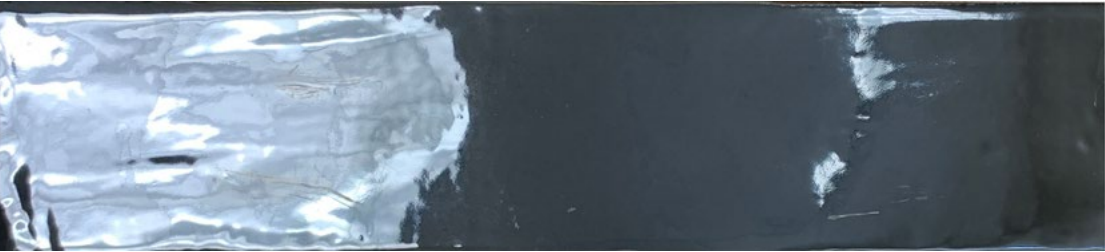
**HUES™**  
*Glazed Ceramic*



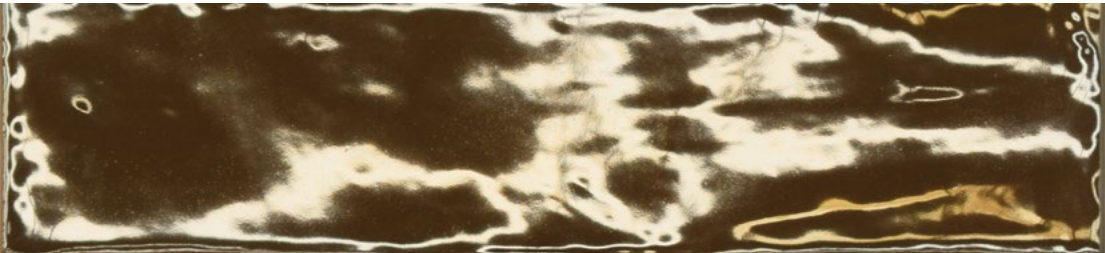




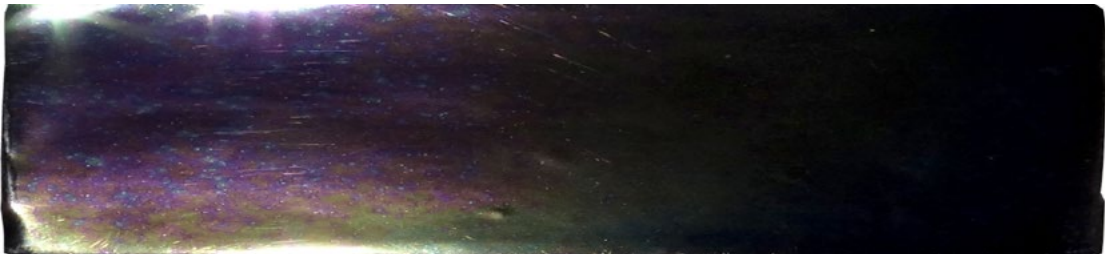
Opaque



Silver



Gold



Black

SIZES	3" x 12"					
	2.93" x 11.85"					
	9.5mm					
	1/8"					
TESTING	BREAKING STRENGTH C648	CHEMICAL RESISTANCE C650	WATER ABSORPTION C373	SCRATCH HARDNESS MOHS	SHADE VARIATION RATING	
RESULTS*	>150 lbf	Resistant	<20.0%	4	V4	



Due to the unique metallic mirror effect of this product, viewing physical samples before ordering is highly recommended.

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Looking for a signature wow wall moment? Look no further than Luxo™ ceramic tile. Each tile features the beauty of iridescence – think of the subtle shimmer of color seen in a bubble, the fascination with vintage lucite furnishings, even the bold strokes of blues and greens in a rainbow. Creativity at your fingertips with four colorways.

LUXO™  
*Glazed Ceramic*







Blanc



Floret

Sizes	<div></div>				
	16" x 47" 15.57" x 47.17"				
Thickness	11mm				
Grout Joint Recommendation	3/16"				
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	>125 lbf	Resistant	<15.0%	Check Website	V2

R11 Anti-slip finish available.  
See Commercial Extension Product section.

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

The designs of Marquesa™ offer a sense of refinement and timeless beauty. The floret pattern instills a regal air while the blanc pattern offers a fresh and modern feel. The large format size and classic marble look make this ceramic tile an ideal choice for any application.

# MARQUESA™

*Glazed Ceramic*







White



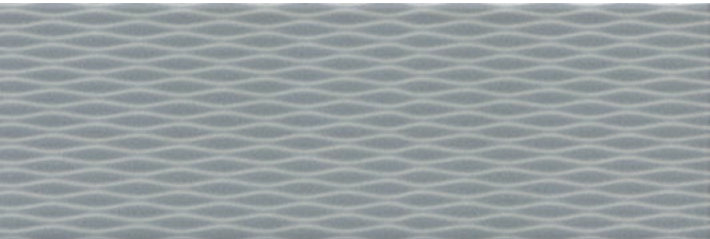
Bone



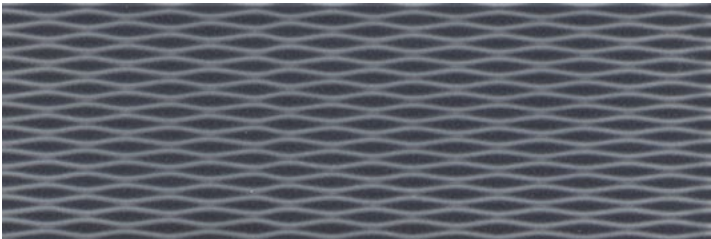
Taupe



Mocha

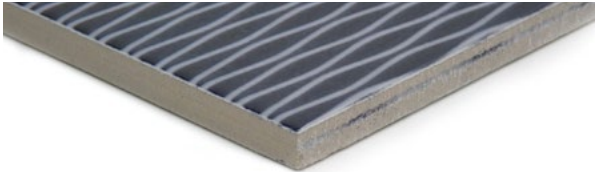


Sky



Charcoal

Sizes	<div></div>					
	4" x 12" 3.82" x 11.69"					
Thickness	9mm					
Grout Joint Recommendation	3/16"					
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating	
Results*	IV	Resistant	<10%	4	V2	



- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Motif II™ rediscovers the ebb and flow of decorative patterns found in visual art. A delicate lace overlay defines this glazed ceramic subway tile collection. With a selection of neutrals, the collection's understated texture and glossy finish combine to create a unique aesthetic.

## MOTIF II™

*Glazed Ceramic*








Princess White



Cubic White

SIZES					
	12" x 35" 11.61" x 35.43"				
	10.6mm				
THICKNESS	10.6mm				
GROUT JOINT RECOMMENDATION	1/16"				
TESTING	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	≥250 lbf	Resistant	>7%	5	V1

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 0% Pre- & Post-Consumer

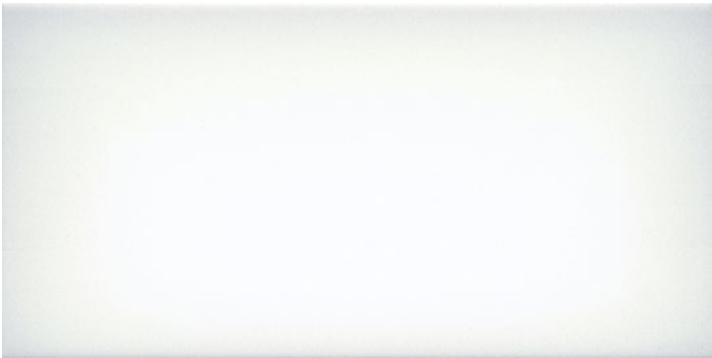
\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Nuovo™ illustrates undeniable glamour and sophistication through form and texture in a glazed ceramic wall tile. Distinct large-scale geometry is amplified with small-scale etched details to refract light and complement other textures. Three patterns add dimensionality to luxurious design statements or subtle backdrops.

**NUOVO™**  
*Glazed Ceramic*







White



Ivory



Taupe





Silver



Blue



Graphite

Sizes					
	6" x 12" 6" x 12"				
			4" x 12" Wall SBN		
Thickness	9mm		9mm		
Grout Joint Recommendation	1/8"				
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	<250 lbf	Resistant	>7%	4	V2

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 0% Pre- & Post-Consumer

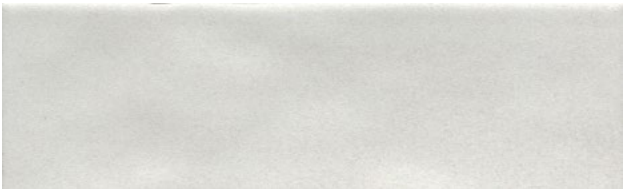
\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

An avant-garde expression of a classic subway tile, Ombre™ is a glazed ceramic wall tile that creates a luminous effect fading from a bright center to a darker, saturated edge.

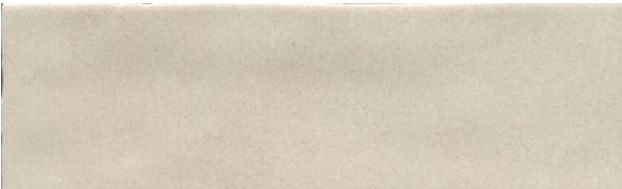
**OMBRE™**  
*Glazed Ceramic*







Blanco



Crema



Rosa



Gris



Azul



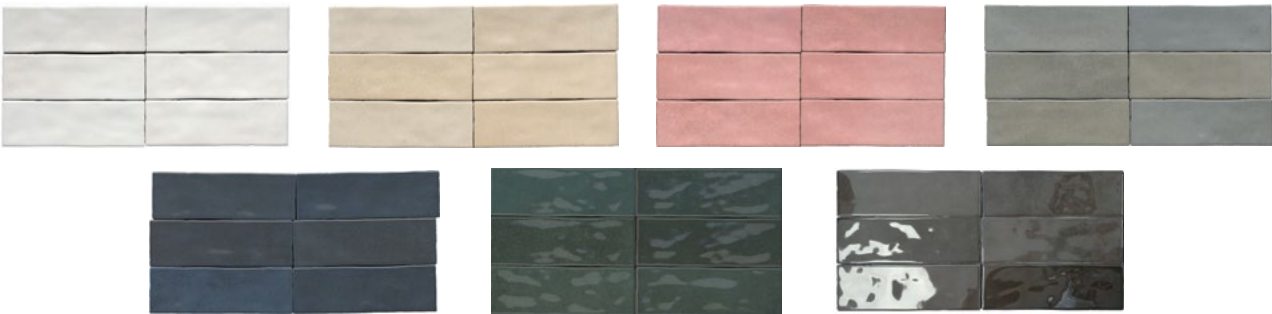
Verde






Nero

The coloration of Passion™ is anything but ordinary. Rated as a V4, this line provides a dramatic variation in color and shade making each installation truly unique.

Color Variation:



Sizes					
	3"x8" 2.56"x7.87"	9"x9" Glossy & Matte	1/2"x8" Jolly		
Thickness	10mm	Check Website	13mm		
Grout Joint Recommendation	1/8"	Check Website			
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	>225 lbf (3x8) >350 (9x9)	Resistant (3x8) Resistant (9x9)	<1.0% (3x8) <3.0% (9x9)	7 (3x8) 6 Gloss, 7 Matte (9x9)	V4 (3x8) V3 (9x9)

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

The striking colors of Passion™ will inspire breathtaking designs throughout any living space. This unique wall tile transcends traditional subway tiles into something ethereal. Colors ranging from soft White to delicate Rosa to deep Nero, Passion™ brings a truly magical element that will complement any decor.

PASSION™  
*Glazed Porcelain*



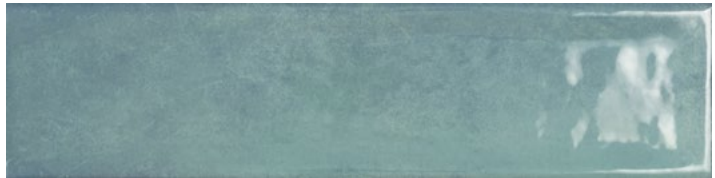




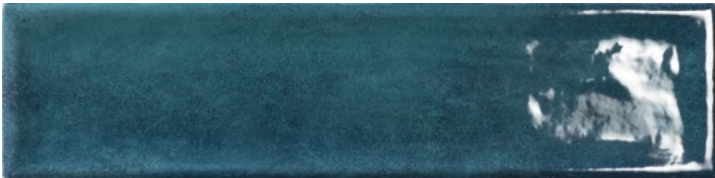
White



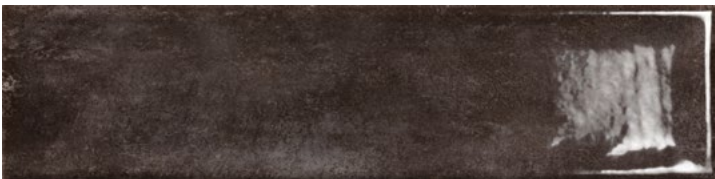
Silver



Ocean



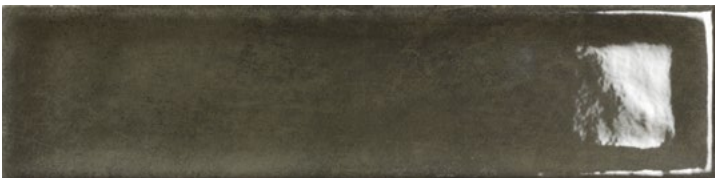
Blue



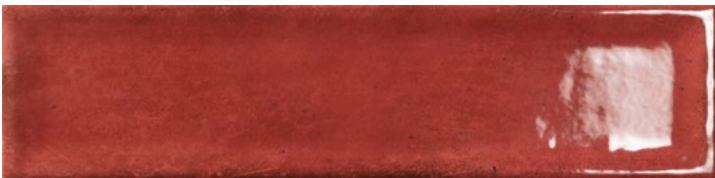
Charcoal



Mustard



Olive




Ruby

The coloration of Raku™ is anything but ordinary. Rated as a V4, this line provides a dramatic variation in color and shade making each installation truly unique.

All colors available in matte and glossy.

Color Variation:



Sizes					
	3"x12" 2.95"x11.81"	1/2"x12" Jolly			
Thickness	10mm	13mm			
Grout Joint Recommendation	1/8"				
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	>125 lbf	Resistant	>10.0%	4	V4

Raku is available in matte and gloss finishes.

- Sustainability Attributes**
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Inspired by the Japanese method for firing pottery, Raku™ brings to life this ancient method in a contemporary form. The unique look of Raku™ provides endless design options. The eight tranquil colors evoke happiness and are ideal for any application.

**RAKU™**  
*Glazed Ceramic*







White



Gray



Buff

SIZES	<div></div>				
	16" x 47" 15.67" x 46.85"				
	11mm				
	3/16"				
TESTING	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	>125 lbf	Resistant	<15.0%	Check Website	V1

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 39% Pre-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Rift™ offers a natural stone look in a plank size. The unique linear design in each tile provides dimension and character making this a stand out in any setting. The subtle coloring and shading throughout the tiles makes Rift™ a timeless classic.

**RIFT™**  
*Glazed Ceramic*







Flat White



Wave White



Chevron White



Flat Venato



Wave Venato



Chevron Venato



Flat Oro






Wave Oro



Chevron Oro

Flat, Wave, and Chevron Colors Available in Size 13"x36" Gloss Finish | Suitable for Wall Applications Only  
All Flat Colors Available in 12"x24" Matte Finish | Suitable for Floor, Wall, and Outdoor Applications

Sizes						
	13"x36" Wall 12.99"x35.83"			12"x24" Floor 12.01"x24.21"		3"x12" Floor SBN
	10.5mm			10mm		9.5mm
Thickness	10.5mm			10mm		9.5mm
Grout Joint Recommendation	1/16"			3/16"		
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating	
Results*	Floor: ≥500 lbf Wall: ≥300 lbf	Floor: Resistant Wall: Non-Resistant	Floor: <0.50% Wall: > 0.7%	Floor: 6 Wall: 5	V2	

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - Recycled Content 0% Pre- & Post-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

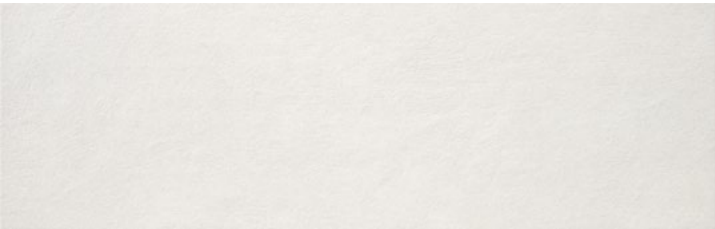
Sculpture™ is inspired by the artistic beauty of white Italian marble. Sculpture™ is available in a flat matte finish, perfect for floors, along with a gloss finish to coordinate for walls.

# SCULPTURE™

*Glazed Ceramic & Porcelain*



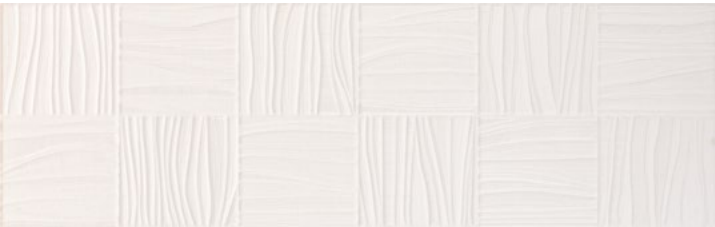




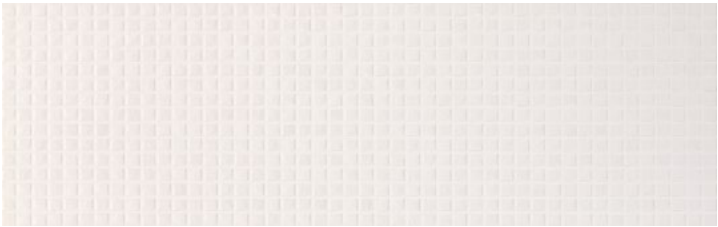
Plain



Linear



Woven



Square



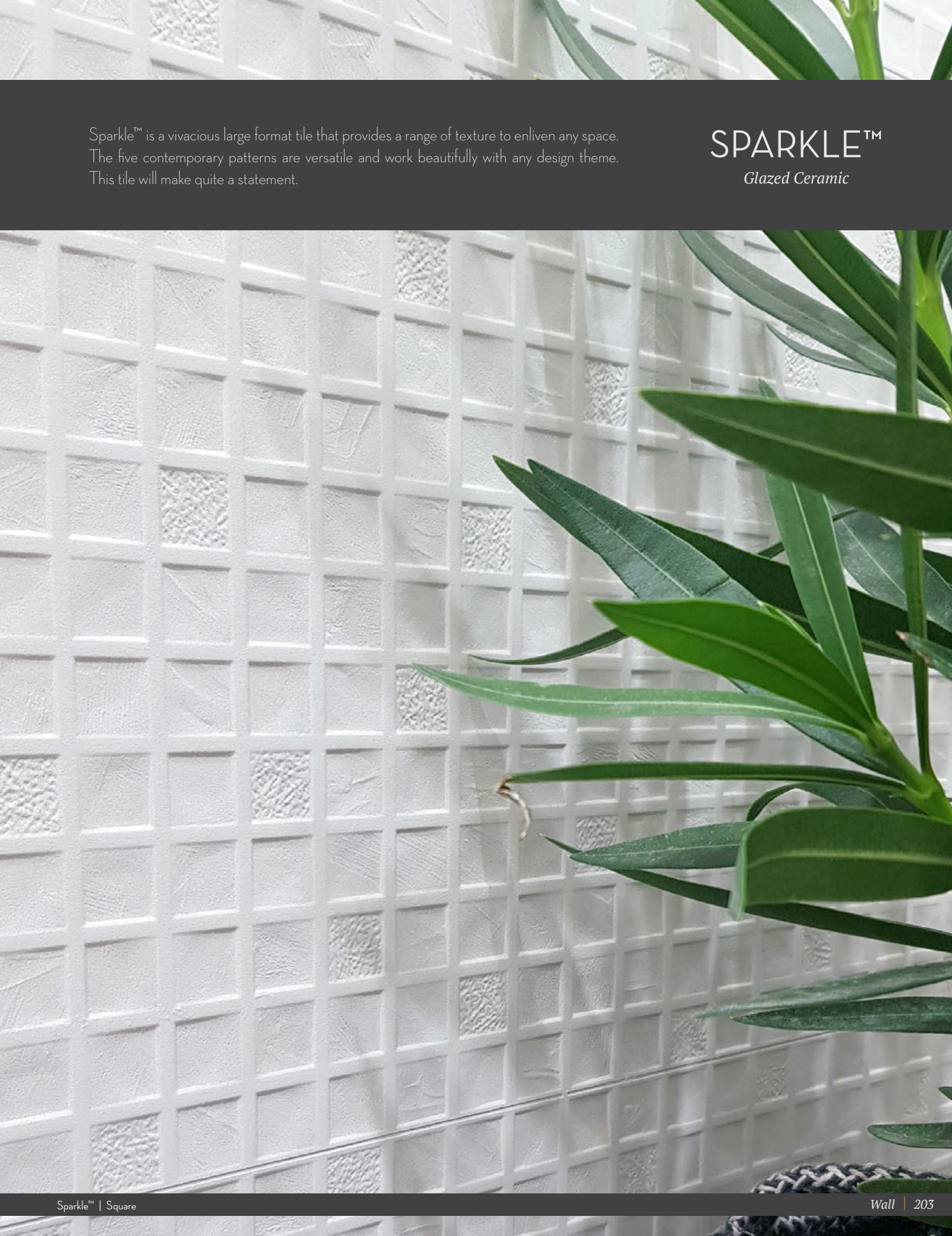
Chevron

Sizes	<div></div>					
	12" x 39" 12.40" x 39.37"					
Thickness	9.5mm					
Grout Joint Recommendation	1/16"					
Testing	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating	
Results*	Check Website	Check Website	Check Website	Check Website	V1	

R11 Anti-slip finish available.  
See Commercial Extension Product section.

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free
  - Recycled Content 39% Pre-Consumer

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Sparkle™ is a vivacious large format tile that provides a range of texture to enliven any space. The five contemporary patterns are versatile and work beautifully with any design theme. This tile will make quite a statement.

**SPARKLE™**  
*Glazed Ceramic*





White



Ivory



Fawn



Mint



Taupe



Black

SIZES					
	3" x 12" 2.95" x 11.81"				
THICKNESS	9mm				
Grout Joint Recommendation	3/16"				
TESTING	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	>250 lbf	Resistant	<20.0%	5	V2

Sustainability Attributes

- Red List Free
- Health Product Declaration (HPD) provided upon request
- Product Packaging is 100% recyclable
- VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

The symmetrical nature of Sphere™ provides a three dimensional look that transcends classic subway tiles. The neutral color palette makes for a comforting environment. The standard size and complementary colorways offer an opportunity to mix-and-match for a truly unique look.

## SPHERE™

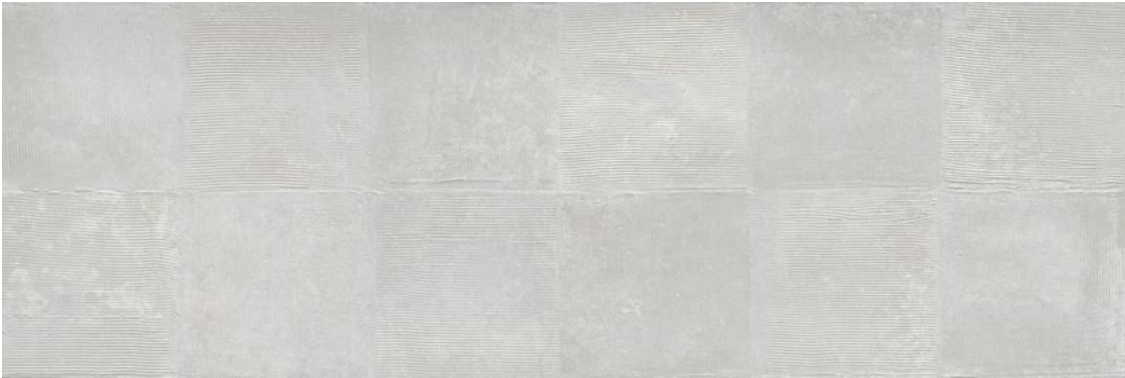
*Glazed Ceramic*



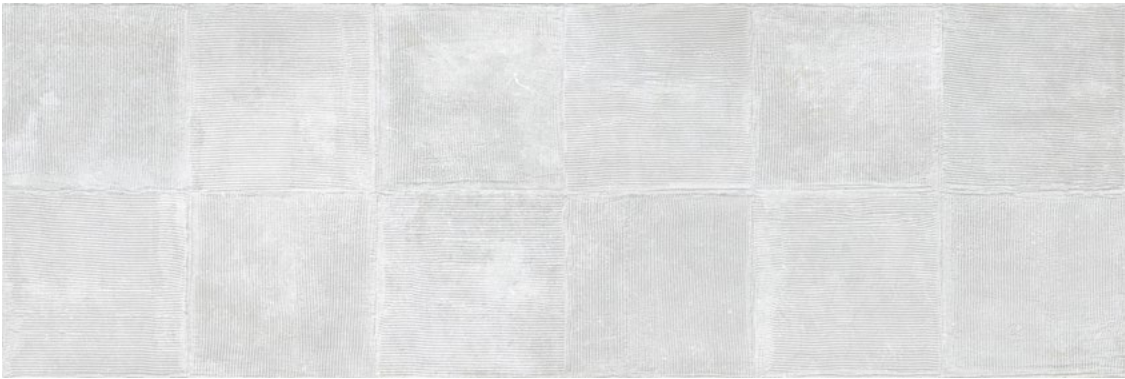




Chevron White



Plaster Gray



Plaster White

SIZES	<div></div>				
	16" x 47" 15.67" x 47.16"				
	Thickness 10.9mm				
	Grout Joint Recommendation 3/16"				
TESTING	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results*	>225 lbf	Resistant	<18.0%	Check Website	Chevron: V1 Plaster: V2

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

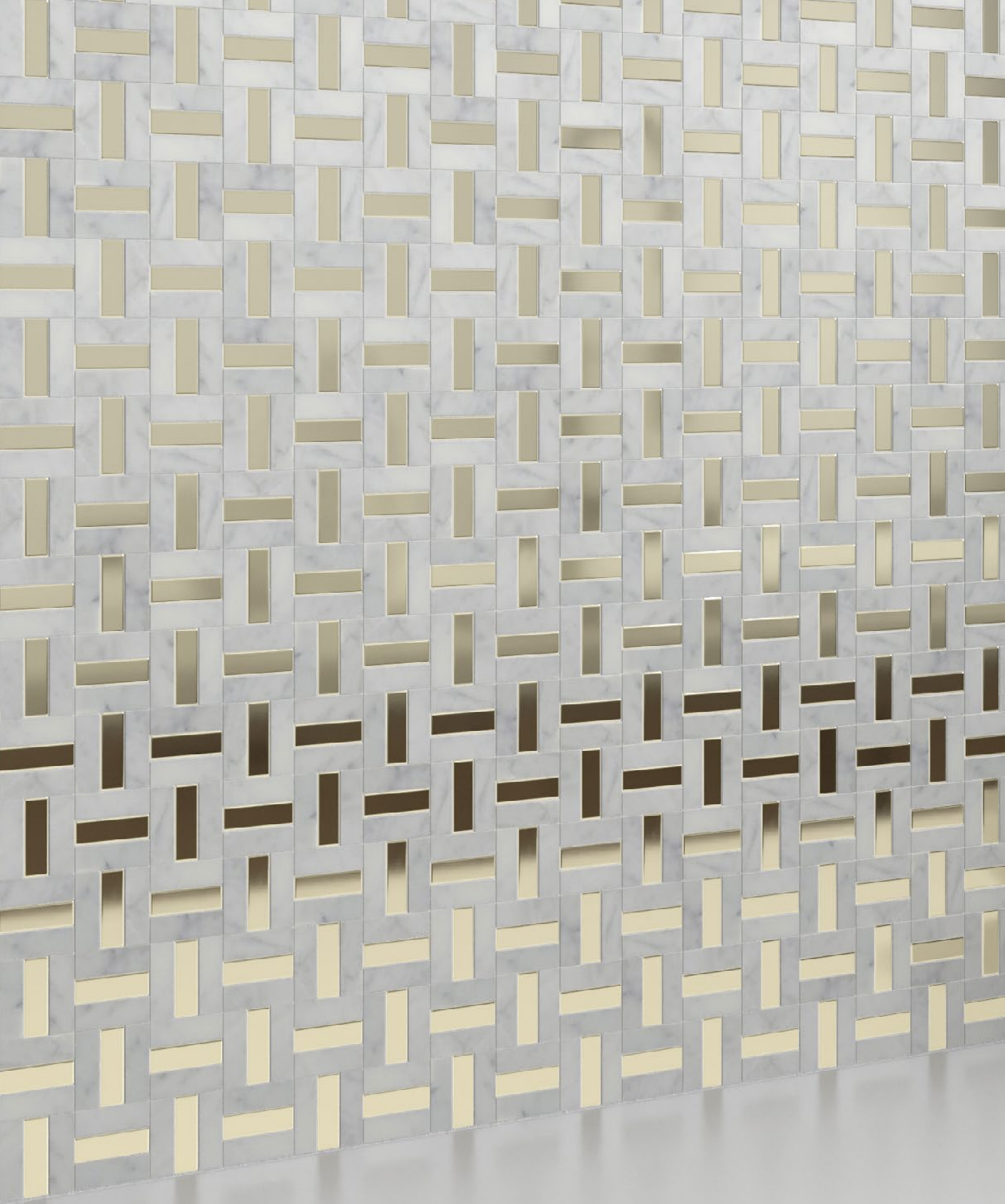


Synergy™ combines texture with a hint of luminescence. This large format glazed ceramic tile provides a three dimensional effect with a contemporary and clean plaster look to a subtly shimmering chevron pattern. Synergy has a look for any application.

**SYNERGY™**  
*Glazed Ceramic*









# MOSAIC TILES





Mini Castle Cream



Mini Manor Cream



Mini Palace Cream



Mini Castle Silver



Mini Manor Silver



Mini Palace Silver



Castle Cream



Manor Cream



Palace Cream



Castle Silver



Manor Silver



Palace Silver

Sizes

12"x12"  
12"x12"

9"x9"  
9.02"x9.02"

Thickness

10mm

Testing

Shade Variation  
Rating

Results\*

V2

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD)  
provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Alluro™ is a modern re-creation of parquet style design, using a variety of unique and eye-catching marble mosaics. Available in varying shades of silver and cream, Alluro is a fresh take on a traditional marble look. Available in 9"x9" and 12"x12" sizes

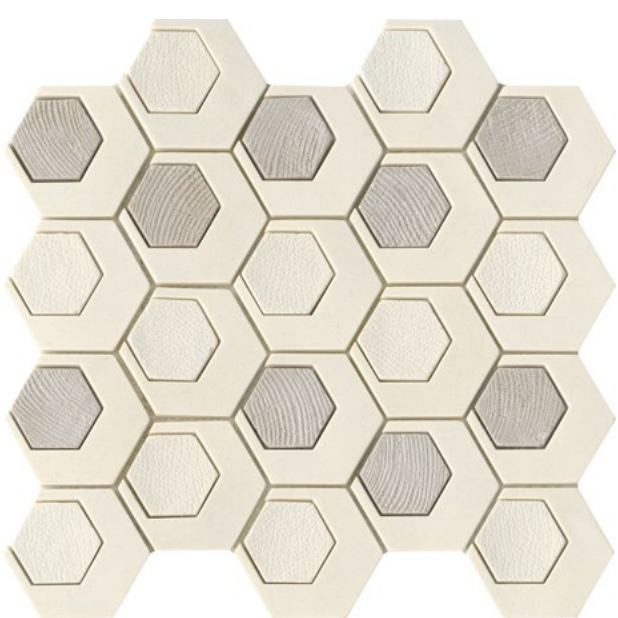
**ALLURO™**  
*Marble Mosaic*







Hydrogen



Pluto



Oxygen



Saturn

Sizes



13"x14"  
12.59"x13.62"

Thickness

8mm

Testing

Shade Variation Rating

Results\*

V2

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

With an interesting mix of materials, Catalyst™ creates an exclusive collection of surface effects. This line presents an array of options using hexagon shaped mosaics and combinations of textures made of glass, cast stone and natural stone.

# CATALYST™

*Resin Cast Stone & Glass Mosaic*







Wise



Delight



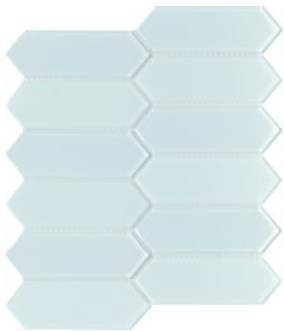
Grace



Finesse



Finesse



Poise



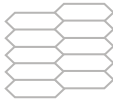
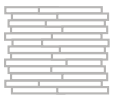

Delight



Wise



Grace

Sizes			
	10" x 12" 10.24" x 11.81"	11" x 12" 10.71" x 11.81"	10" x 13" 9.76" x 12.60"
Thickness	4mm	4mm	4mm
Testing	Shade Variation Rating		
Results*	VI		

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Charisma™ captures the modern mosaic with picket, linear, and herringbone motifs. A wide array of soft tones alternate in varying degrees for lively visual appeal. The contemporary glass mosaic series is a blend of gloss and matte finish.

## CHARISMA™

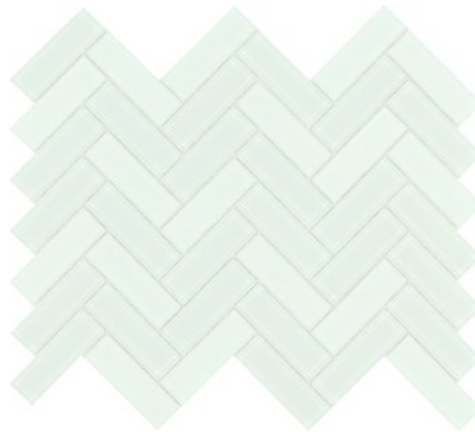
*Glass Mosaic*



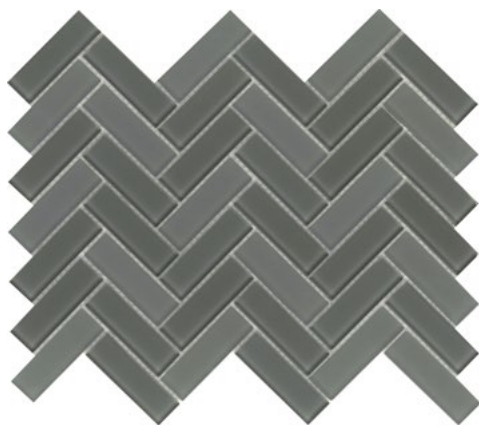
Charisma™ | Grace Herringbone



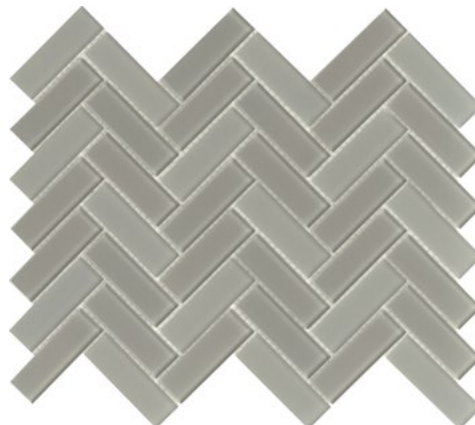
Finesse



Delight

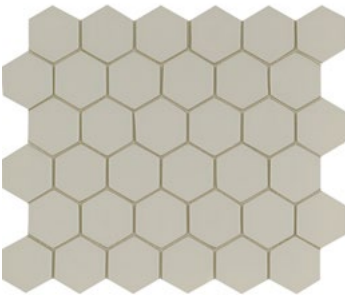


Wise

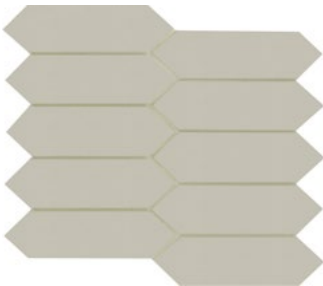


Grace

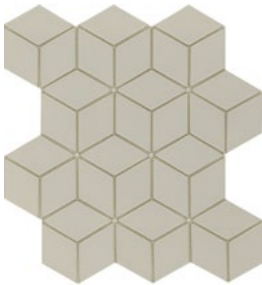




Fawn 2" Hex



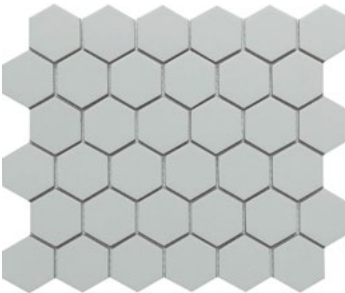
Fawn Picket



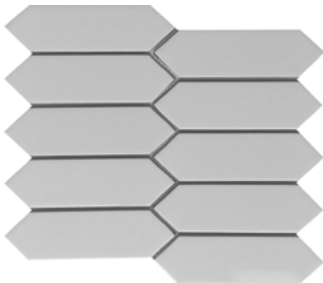
Fawn Cube



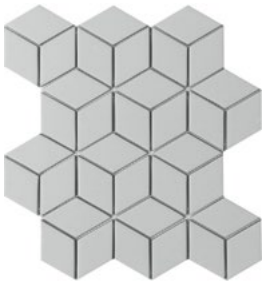
Fawn Chevron



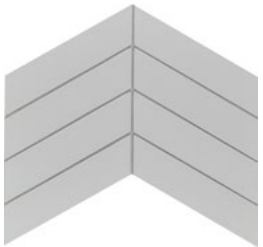
Gray 2" Hex



Gray Picket



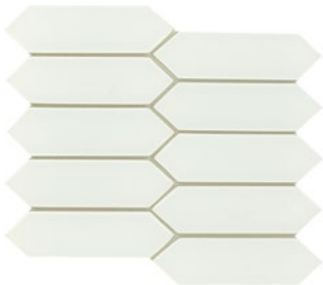
Gray Cube



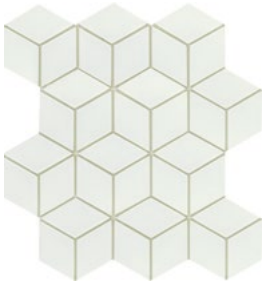
Gray Chevron



White 2" Hex



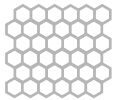
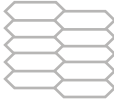


White Picket



White Cube



White Chevron

Sizes				
	11"x12" Mesh 10.62"x12.4"	8"x10" Mesh 8.34"x12.4"	10"x12" Mesh 10.24"x11.81"	8"x12" Mesh 8.34"x12.4"
Thickness	6mm	6mm	6mm	6mm
Testing	Shade Variation Rating			
Results*	VI			

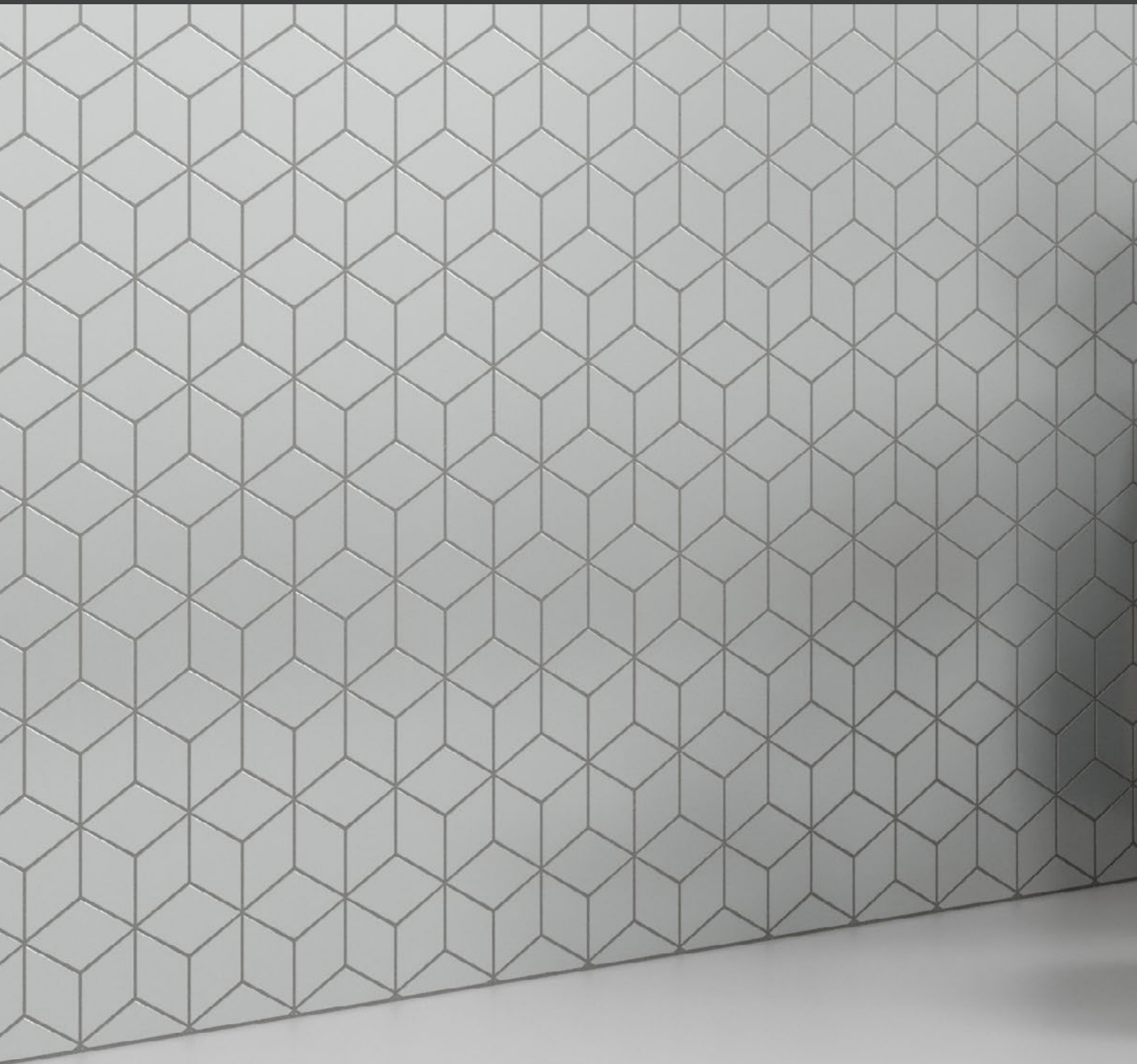
- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

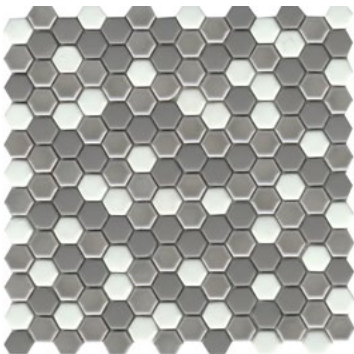
Concept™ is a glazed glass mosaic that resembles porcelain tile. The modern shapes and neutral tones offer striking designs for walls. This series is available in a glossy finish for added interest.

# CONCEPT™

*Glazed Glass Mosaic*



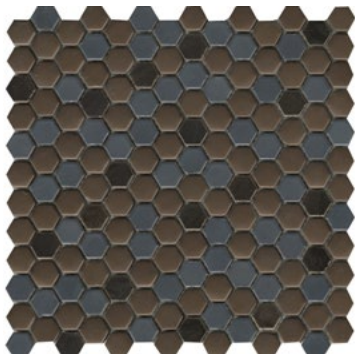




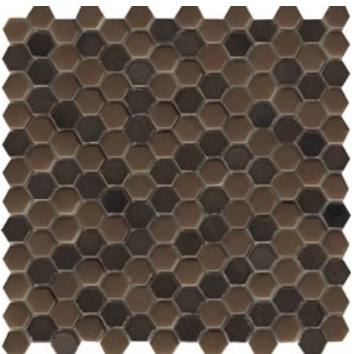
Hexagon Freddo Blend



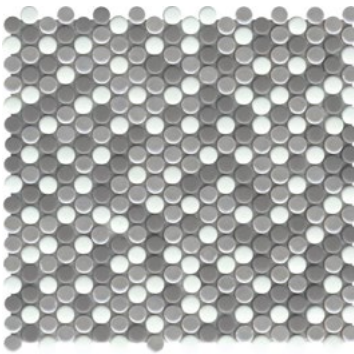
Hexagon White



Hexagon Metal Blend



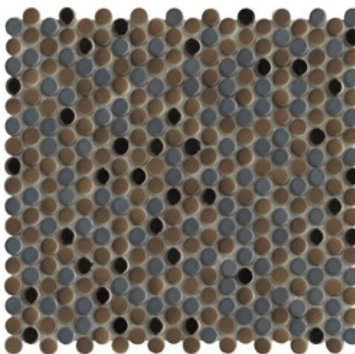
Hexagon Bronze



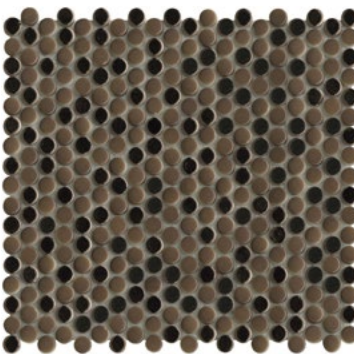
Penny Freddo Blend



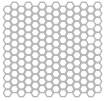
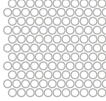
Penny White



Penny Metal Blend



Penny Bronze

Sizes		
	12" x 12" Mesh 11.81" x 11.81"	12" x 12" Mesh 11.81" x 11.81"
Thickness	8mm	8mm
Testing	Shade Variation Rating	
Results*	V2	

Bronze and Metal Colors Not Suitable for Floor Application

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Confetti II™ offers solid and multicolor blends in penny round and hexagon mosaics. This series can be used on its own to make a statement or as a decorative accent.

## CONFETTI II™

*Recycled Glass & Porcelain Mix Mosaic*







Winter



Summer



Autumn



Spring



Black



White



Ivory



Cream



Beige



Gray



Silver



Taupe

Sizes

  
12"x12" Mesh  
11.81"x11.81"

Thickness

4mm

Testing

Shade Variation  
Rating

Results\*

V2



-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Cultura™ is comprised of first-rate natural stone that is fabricated into an intriguing pebble configuration. An array of solid colors and blends are available in a subtly honed finish on an interlocking mesh.

**CULTURA™**  
*Pebbles Mosaic*







White




Gray



Morning Fog



Navy

Sizes	 12"x12" Mesh 11.97"x12.13"
Thickness	8mm
Testing	Shade Variation Rating
Results*	V2

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

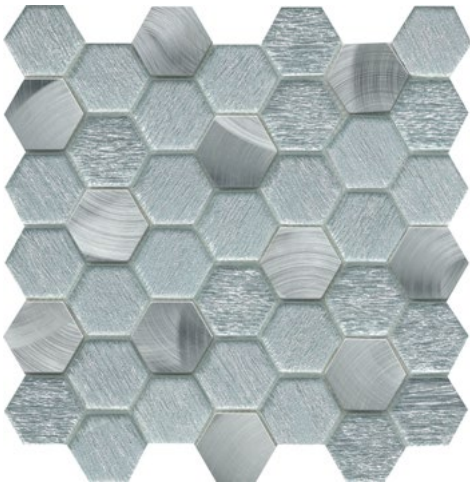
\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Edge™ features frosted glass to illustrate a story of shape and color. Neutral overtones and saturated accent colors take form in a design-forward chevron mosaic.

EDGE™  
*Glass Mosaic*







Fame



Glory



Joy




Love



Value

Sizes



12"x12" Mesh  
11.81"x11.97"

Thickness

6mm

Testing

Shade Variation Rating

Results\*

VI



- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Glitz™ is a collection of shimmering mosaics that evoke a captivating aesthetic with brush-like movement. Metallic accents and layered texture take form in hexagon shapes. With an array of eye-catching color variations, Glitz™ enables endless design opportunities.

GLITZ™

Glass & Metal Mosaic







White



Ivory



Silver



Fawn



Sterling



Turquoise



Forest



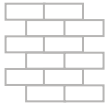
Navy



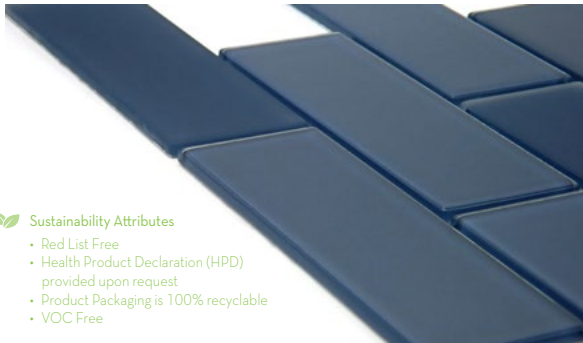
Powder



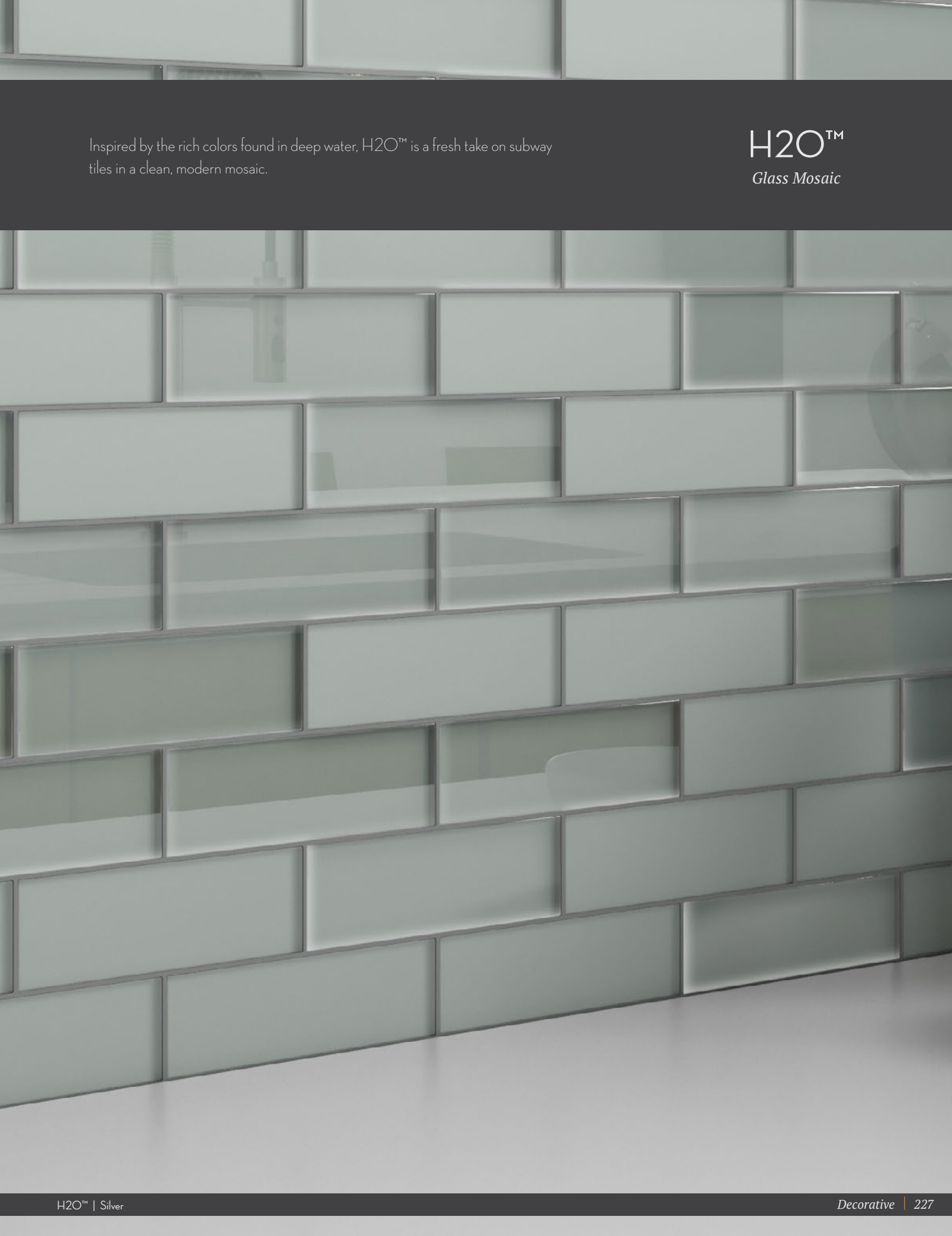
Dove

Sizes	 12"x12" Mesh 11.89" x 12.26"
Thickness	5mm Dove, Powder, White: 6mm
Testing	Shade Variation Rating
Results*	V4

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free



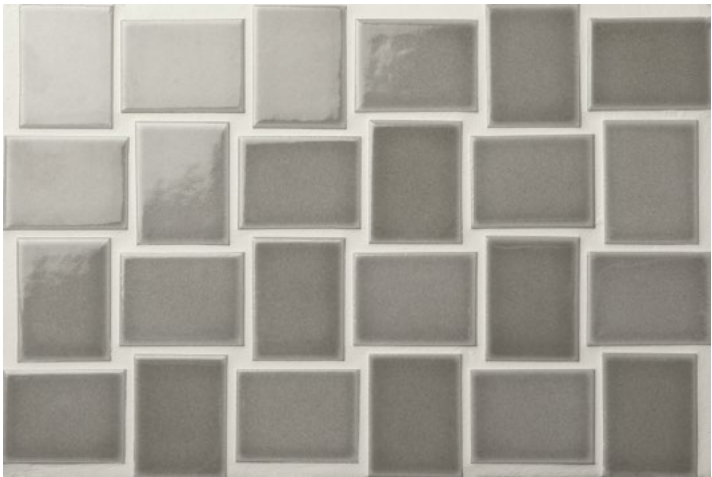
Inspired by the rich colors found in deep water, H2O™ is a fresh take on subway tiles in a clean, modern mosaic.

H2O™  
*Glass Mosaic*





Fawn



Gray




Olive



White

Sizes



9" x 13"  
8.94" x 13.46"

Thickness

7mm

Testing

Shade Variation Rating

Results\*

V2

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

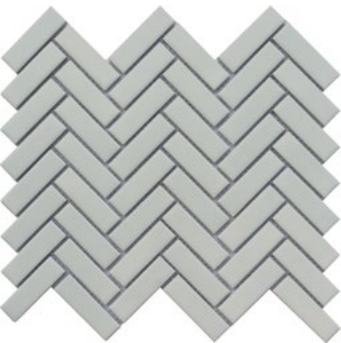
\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

The term Hanami™ (Japanese for “flower viewing”) describes the famous tradition of the cherry blossom festival. The glazed porcelain stoneware is a curated collection of architectural ceramics inspired from Japan. Each color exudes a gentle lightness thanks to their pure, simple, and carefree tones.

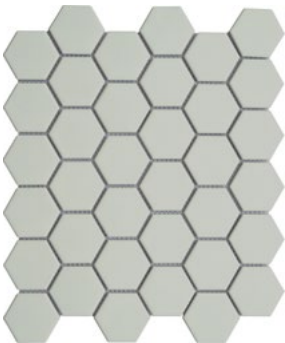
HANAMI™  
*Glazed Porcelain Mosaic*



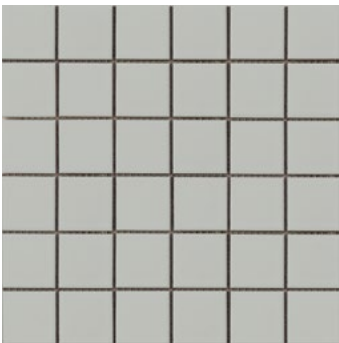




Gray Herringbone



Gray Hexagon



Gray 2"x2"



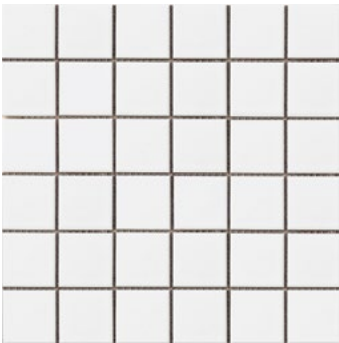
Gray 1"x3" Stacked



White Herringbone





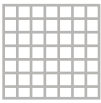
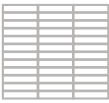
White Hexagon



White 2"x2"



White 1"x3" Stacked

Sizes				
	11"x12" Mesh 10.90" x 12.44"	11"x13" Mesh 11.10" x 12.79"	12"x12" Mesh 12.04" x 12.04"	12"x11" Mesh 11.61" x 11.46"
Thickness	5.5mm	5.5mm	5.5mm	5.5mm
Testing	Shade Variation Rating			
Results*	VI			

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

The clean and bright look of Impact™ makes a statement in any room. Timeless patterns such as Hex and Herringbone complement both modern and traditional design aesthetics. This matte tile offers a more subdued look.

**IMPACT™**  
*Glazed Porcelain Mosaic*







Blue Chevron | Limestone & Glass



Cream Chevron | Limestone & Glass



White Chevron | Marble & Glass



Winter Chevron | Marble & Glass

Sizes	
Thickness	8mm
Testing	Shade Variation Rating
Results*	V2

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Chevron patterns continue to bring a contemporary viewpoint to interiors. The result: a simple and seamless installation for a striking look that is both modern and cool. Available in four colorways: Cream, Blue, Winter, and White.

## IMPULSE™

*Marble, Limestone & Antique  
Mirrored Glass Mosaic*





Commercial Catalog

FLOOR / WALL

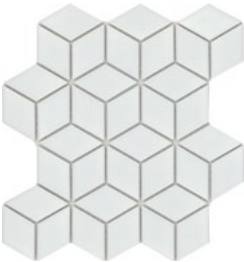
RESIDENTIAL

COMMERCIAL

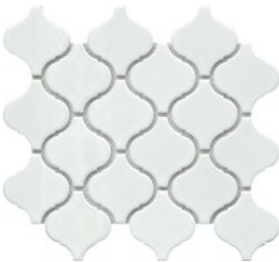
INDOOR

OUTDOOR

POOL



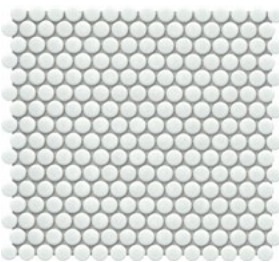
White Cube



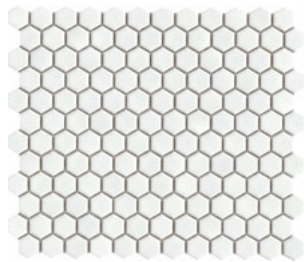
White Arabesque



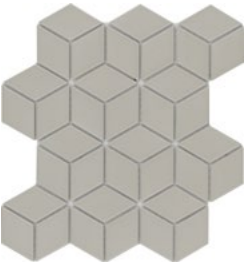
White 2" Hex



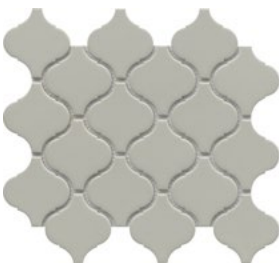
White Penny



White 1" Hex



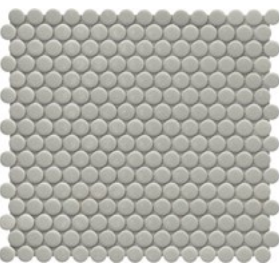
Fawn Cube



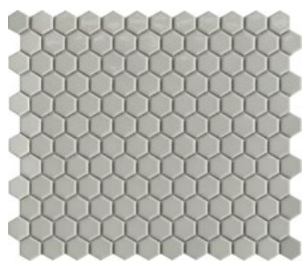
Fawn Arabesque



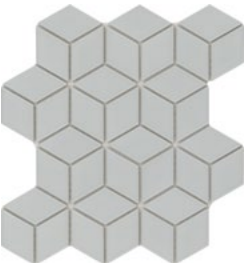
Fawn 2" Hex



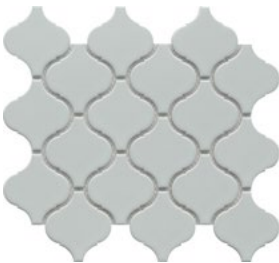
Fawn Penny



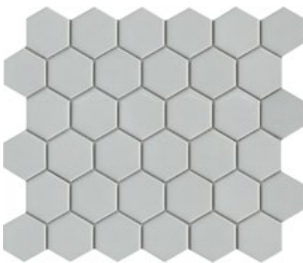
Fawn 1" Hex



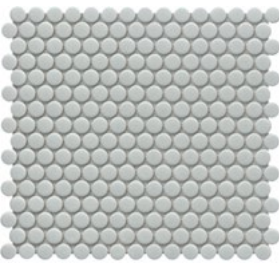
Gray Cube



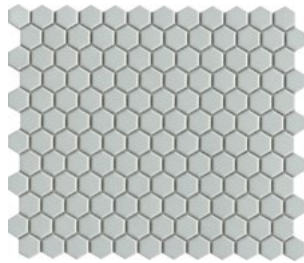
Gray Arabesque



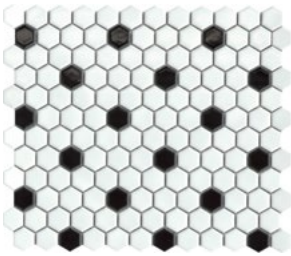
Gray 2" Hex



Gray Penny



Gray 1" Hex



White & Black 1" Hex

Sizes					
	11" x 12" Mesh 11.34" x 12.24"	10" x 12" Mesh 10.16" x 11.73"	10" x 11" Mesh 9.53" x 10.87"	11" x 13" Mesh 10.98" x 12.68"	10" x 12" Mesh 10.41" x 12.05"
Thickness	5.5mm	5.5mm	5.5mm	5.5mm	5.5mm
Testing	Shade Variation Rating				
Results*	VI				

Not Suitable for Commercial Floor Application

- Sustainability Attributes**
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

The clean, striking look of Influence™ offers a retro vibe in a traditional mosaic. A variety of classic shapes from penny tile to arabesque inspire striking designs. The glossy finish provides enhanced visual interest.

## INFLUENCE™

*Glazed Porcelain Mosaic*







Picket Gray



Picket Fawn



Picket Marble






Picket Mirror

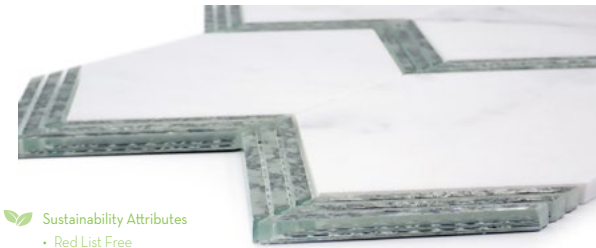


Chevron Gray/Fawn | 12"x14"



Chevron Mirror | 12"x12"

Sizes			
	Gray/Fawn 12"x14" Mesh 11.81"x13.62"	Mirror 12"x12" Mesh 11.73"x12.05"	11"x15" Mesh 10.59"x15.04"
Thickness	10mm	8mm	Gray, Fawn, Marble: 10mm Mirror: 8mm
Testing	Shade Variation Rating		
Results*	V2		



-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

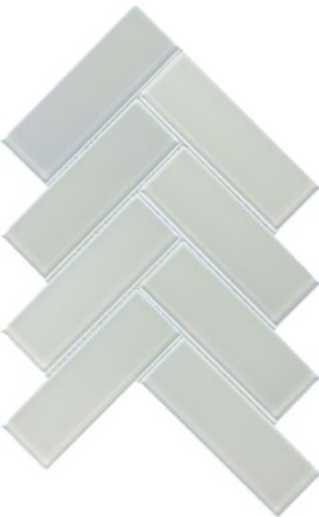
Intrigue™ is inspired by the layers of texture that arise in mixed-material mosaics. A range of neutral overtones are woven together in two design-forward shapes.

# INTRIGUE™

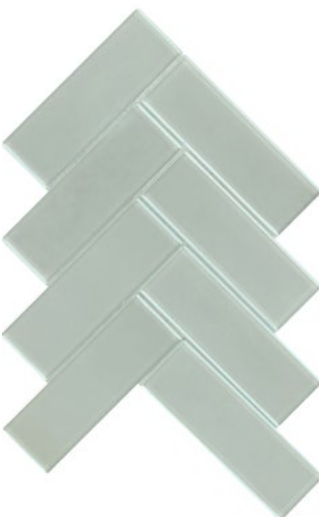
*Porcelain, Glass & Stone Mosaic*



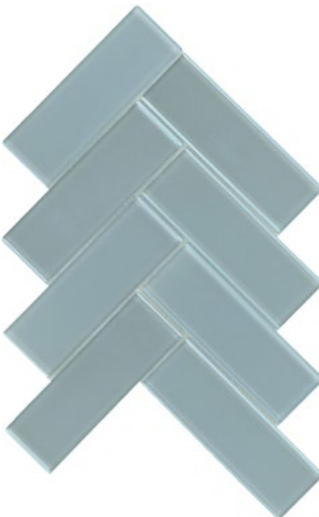




Aura



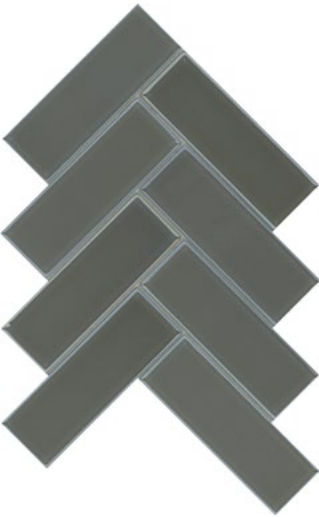
Coronado



Prism



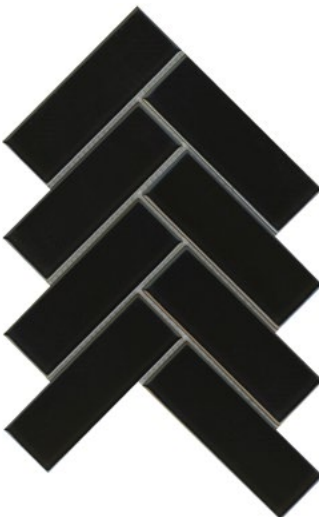
Spectra




Hue

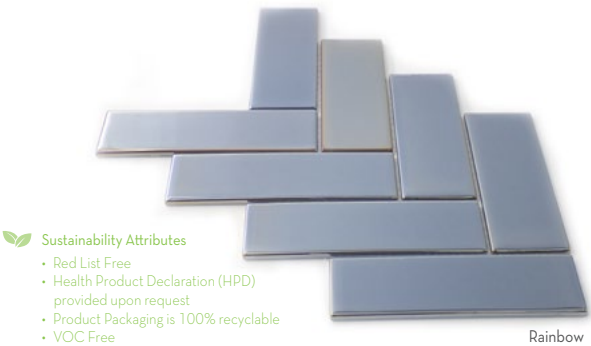


Optic



Rainbow

Sizes	
Thickness	8" x 11" 8.39" x 11.42"
	5mm Aura: 6mm
Testing	Shade Variation Rating
Results*	V3



Rainbow

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



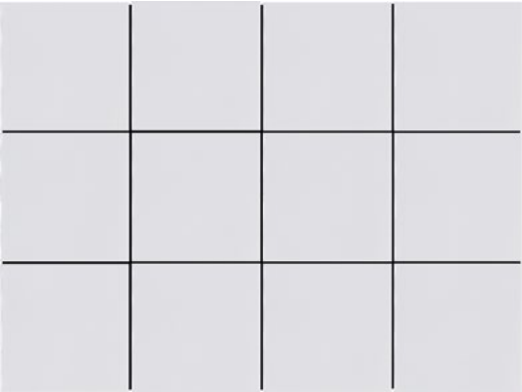
Irish™ is a striking glass mosaic in a fashion-forward herringbone pattern. The glossy finish and cool color palette enable elegant design opportunities.

## IRISH™

*Glass Mosaic*







White



Silver



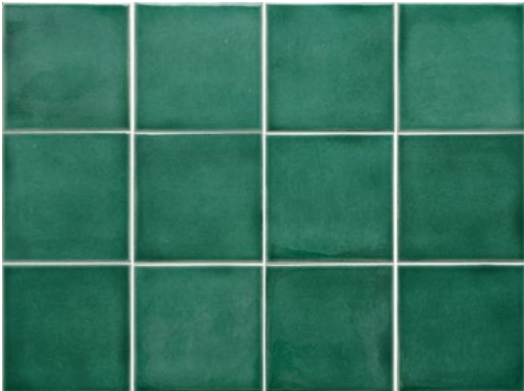
Taupe



Black



Blue



Green

White Available in Matte & Gloss Finish

Sizes

12"x16"  
11.73"x15.67"

Thickness

8mm

Testing

Shade Variation  
Rating

Results\*

V2

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

- Sustainability Attributes

  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

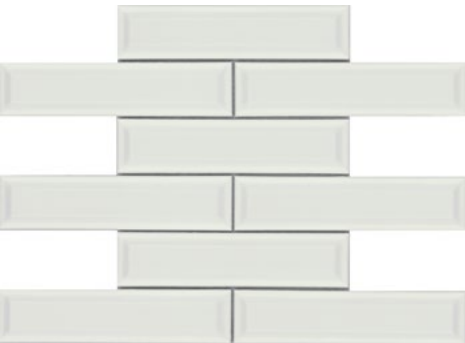
Kaze™, a word derived by air, wind, manner and style. Available in six neutral colorways, these mosaics evoke memories of spring and summer. Kaze is the perfect choice to add a serene, naturalness, and earthy feel to your space. Each colorway is offered with various textures and character details creating a tranquil vibe. Kaze coordinates perfectly with Mizu.

## KAZE™

*Glazed Ceramic Mosaic*







White



Gray



Skim



Mink



Blue

Sizes



11" x 12"  
11.81" x 11.81"

Thickness

8mm

Testing

Shade Variation Rating

Results\*

V2

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Add dimension to a room with 3D tiles & instantly get a unique and classic look in any bathroom or kitchen setting with Kinetic™. Kinetic ceramic mosaics create smooth, low-maintenance surfaces and come in 5 different colors. These 3D tiles are versatile for all kinds of applications creating a modern and clean look.

**KINETIC™**  
*Glazed Ceramic Mosaic*



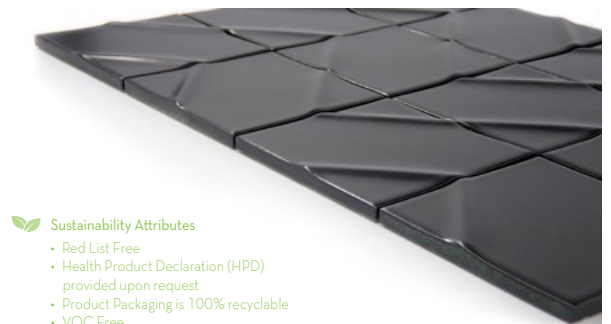




Thickness 10mm

Testing Shade Variation Rating

Results\* V2

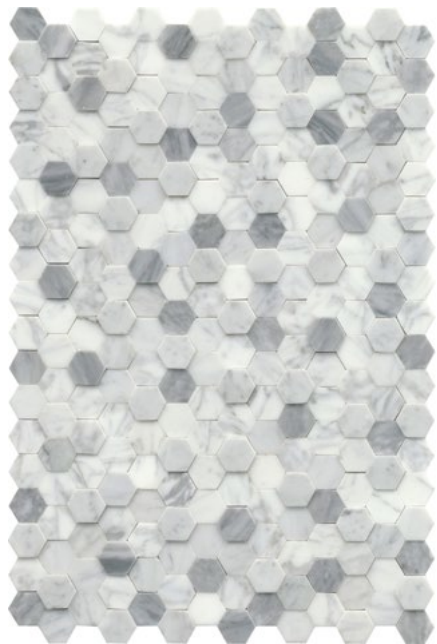
 Sustainability Attributes

Kumito™ is a timeless ceramic chevron mosaic tile that comes in two distinct colors. The classic choice for both traditional and contemporary design schemes, Kumito provides a simple and clean look with a matte finish. This chevron mosaic is the perfect accent to any wall.

**KUMITO™**  
*Glazed Ceramic Mosaic*







White 1" Hex



White Cube



White Herringbone



White Linear



White and Gold

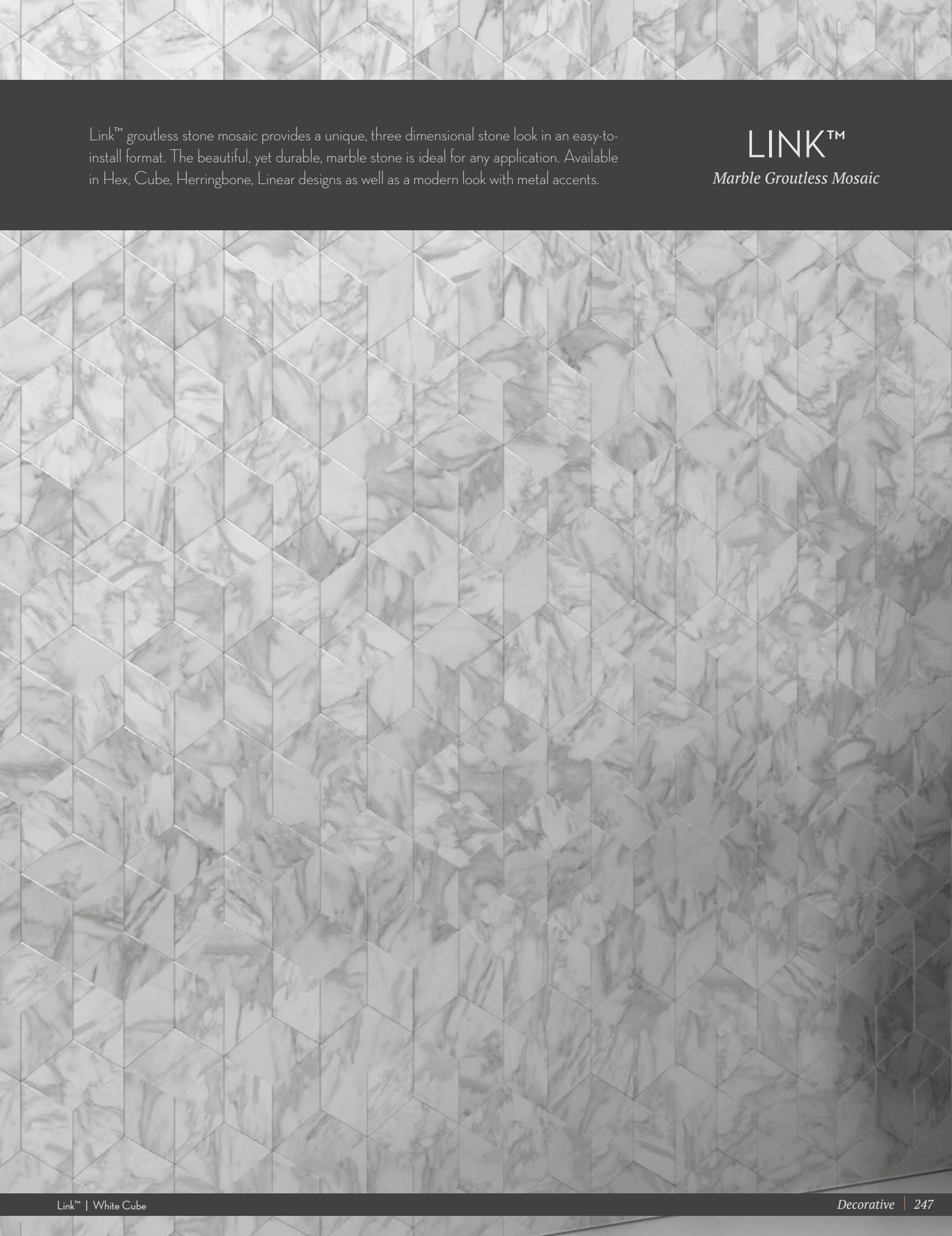


White and Silver

Sizes					
	12" x 17" Mesh 12.09 x 16.93"	12" x 18" Mesh 12 x 17.99"	12" x 18" Mesh 12' x 17.99"	12" x 18" Mesh 12 x 17.99"	12" x 18" Mesh 12.2 x 17.99"
Thickness	8mm	8mm	8mm	8mm	8mm
Testing	Shade Variation Rating				
Results*	V2				

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

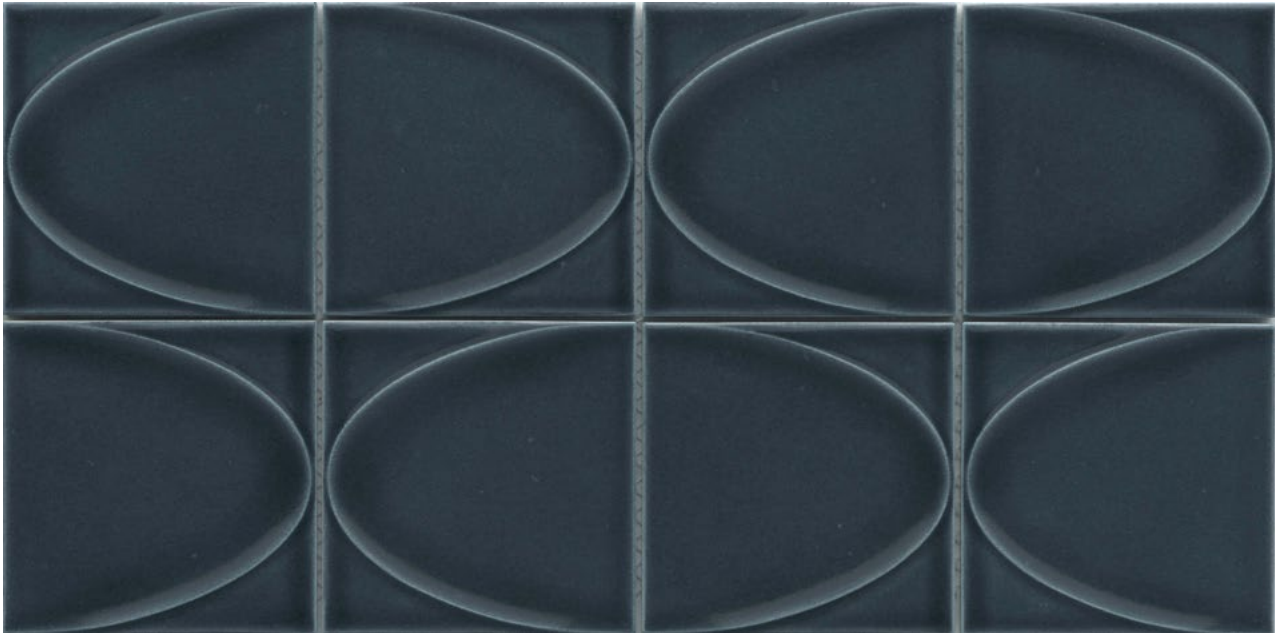
\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Link™ groutless stone mosaic provides a unique, three dimensional stone look in an easy-to-install format. The beautiful, yet durable, marble stone is ideal for any application. Available in Hex, Cube, Herringbone, Linear designs as well as a modern look with metal accents.

**LINK™**  
*Marble Groutless Mosaic*





Blue



White



Silver



Taupe



Green

Sizes

8" x 16" Mesh  
7.80" x 15.67"

Thickness

8mm

Testing

Shade Variation  
Rating

Results\*

V2

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

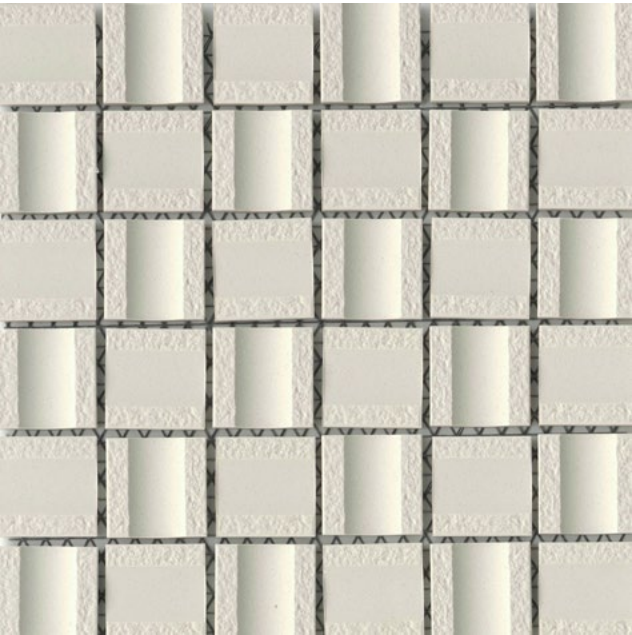
- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

Sophisticated and saturated in rich nature-influenced hues, Mizu™ ceramic tile adds equal measures of style and flair in interior design. The celebration of circles is evident in five smart colors that will dress up walls in any room. The graphic pattern is truly an eye-catcher. Mizu coordinates perfectly with Kaze™.

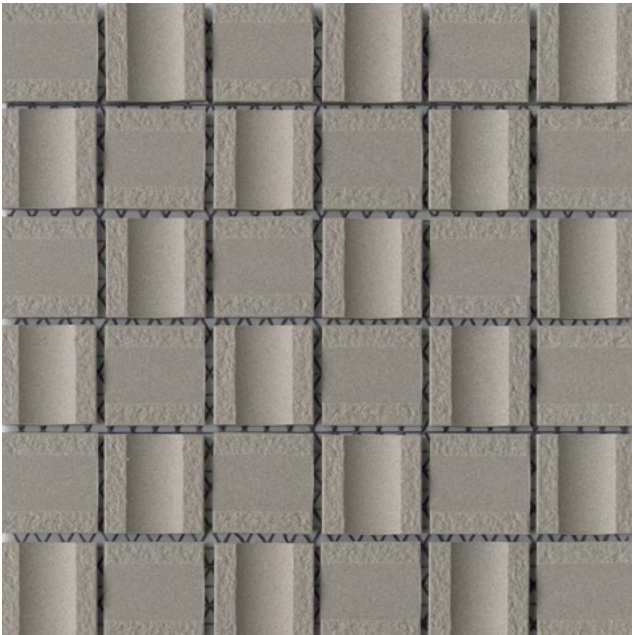
MIZU™  
*Glazed Ceramic Mosaic*







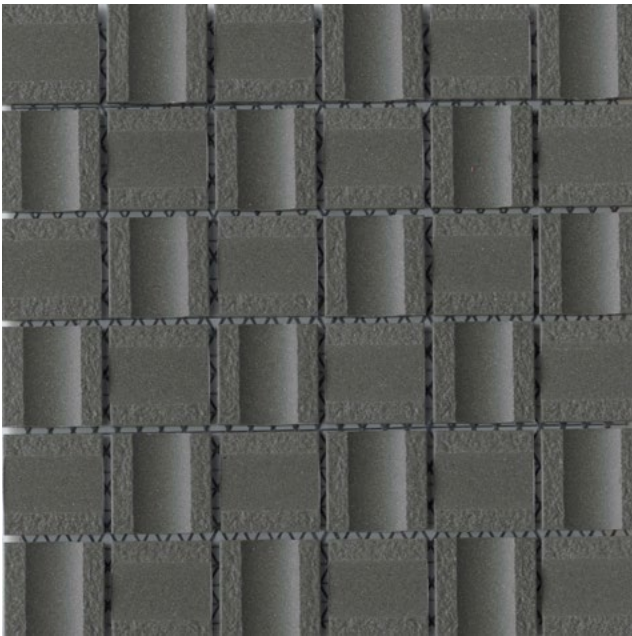
White



Silver

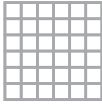


Rust



Black

Sizes



12"x12" Mesh  
11.69"x11.69"

Thickness

11mm

Testing

Shade Variation Rating

Results\*

V2

It is recommended that the unglazed products be sealed to maintain stain or chemical resistance over-time. Always consult a professional for proper installation and maintenance.

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Modan™ porcelain tile is a study in the power of contrasts – smooth and concave, rough and matte, light and shadow. Simple in concept with an appreciation for modern design, Modan calls to the senses, while enhancing any space where this unique tile lives. Four rich colors open the door to possibility.

**MODAN™**  
*Unglazed Porcelain Mosaic*







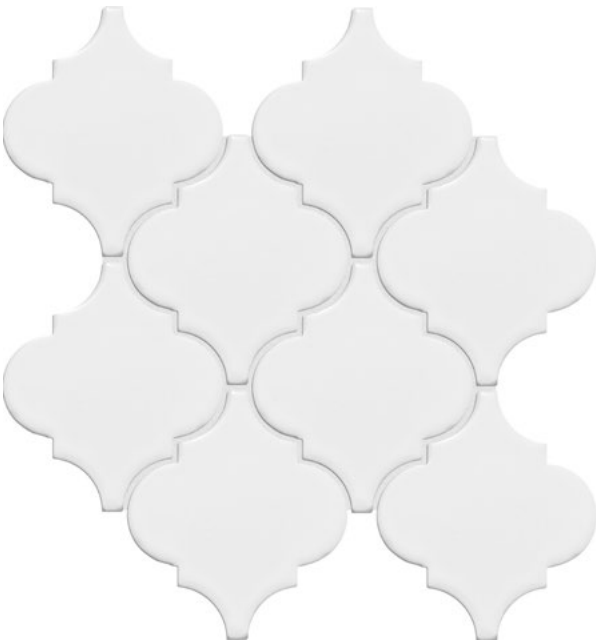
Dove



Fawn



Silver



White

Sizes	 10"x11" Mesh 10.63"x10.24"
Thickness	8mm
Testing	Shade Variation Rating
Results*	V2

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Motifs of Morocco are easily recognizable in this namesake tile. Arabesque shapes in both warm and cool tones add a classic accent to any wall or backsplash application.

# MOROCCO™

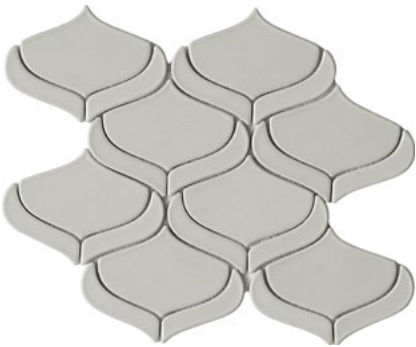
*Glazed Ceramic Mosaic*







Arabesque Black



Arabesque Gray



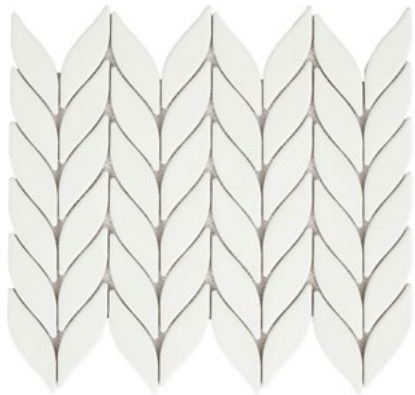
Arabesque White



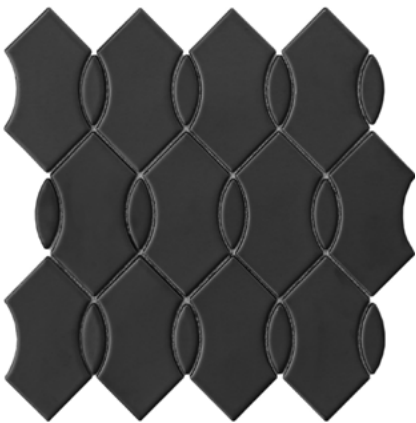
Petal Black



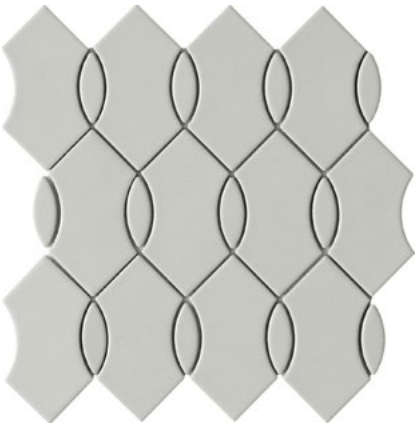
Petal Gray



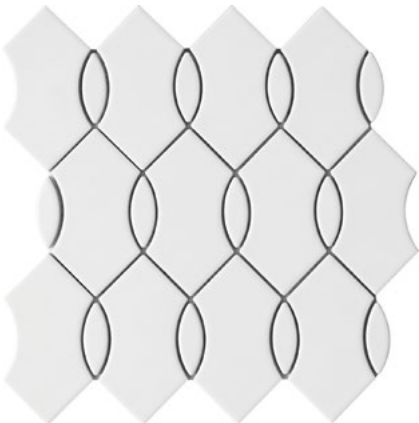
Petal White






Wave Black



Wave Gray



Wave White

Sizes			
	11" x 12" Mesh 10.63" x 11.73"	11" x 13" Mesh 10.71" x 13.11"	12" x 12" Mesh 12.20" x 12.24"
Thickness	7mm	7mm	7mm
Testing	Shade Variation Rating		
Results*	VI		

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Arabesque, petal, and wave motifs are the backbone for Mythos™. The Greek mythology-inspired collection features classic shapes perfect for decorative looks at home. Available in black, gray and white for a seamless fit into any design - while still making a signature impact.

MYTHOS™  
*Glazed Ceramic Mosaic*



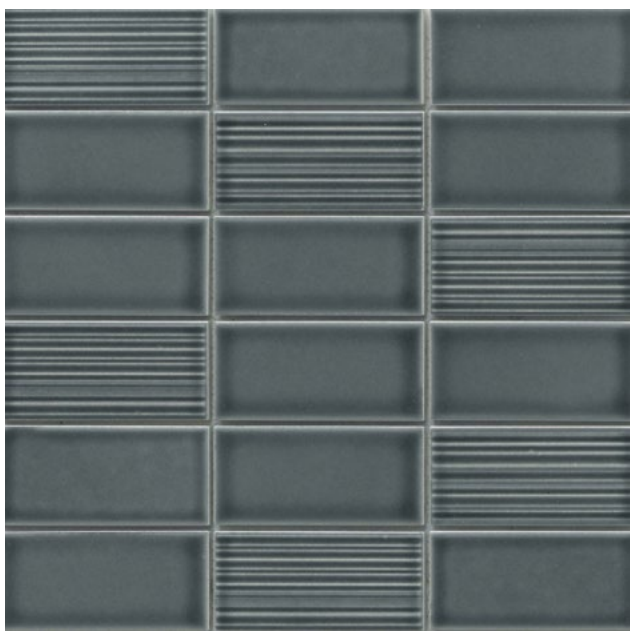




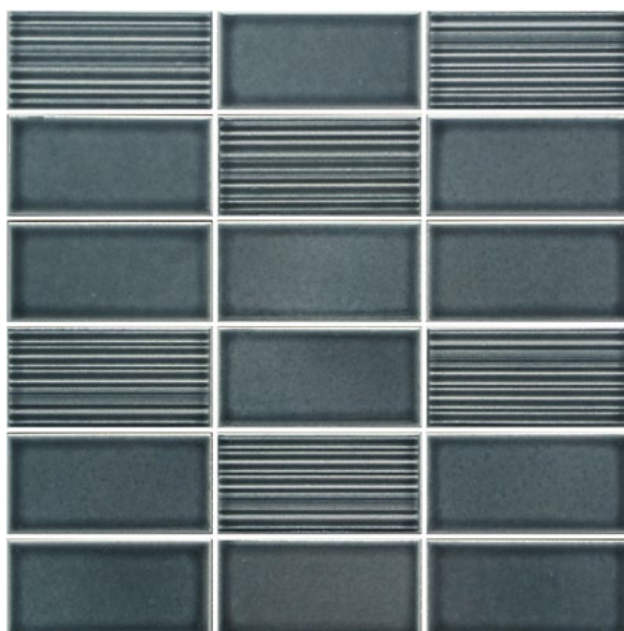
White



Silver

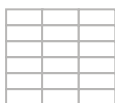


Gray



Navy

### Sizes



11" x 11"  
11.42" x 11.12"

## Thickness

7mm

## Testing

Shade Variation  
Rating

## Results\* V2

V2

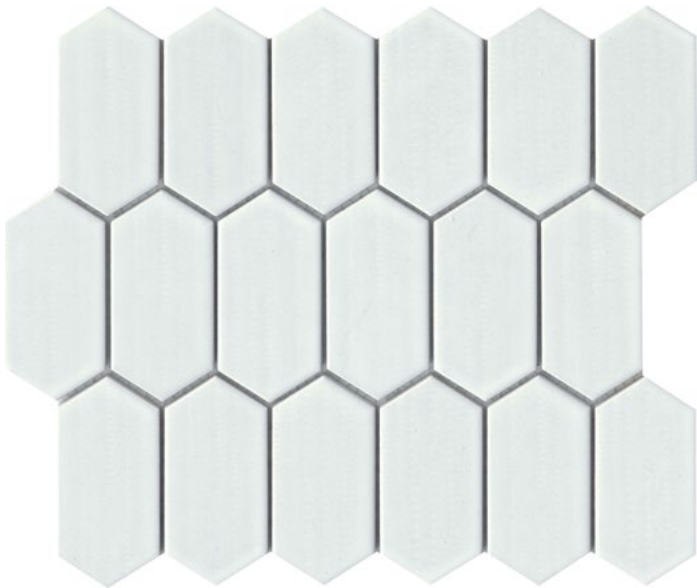
 Sustainability Attributes

Nagara™ ceramic mosaic tile celebrates the ebb and flow between solids and textures. The glossy brick design is a mix of linear texture and subtle shade variations. Available in four timeless colorways, Nagara is a perfect complement for any design aesthetic.

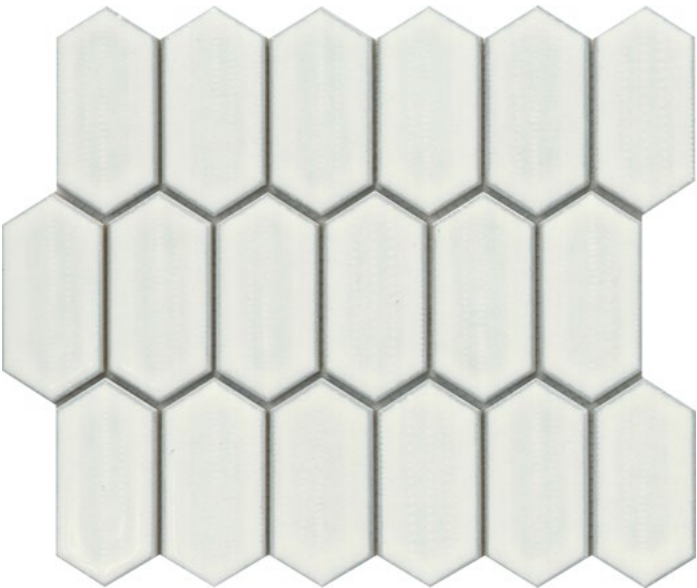
NAGARA™  
*Glazed Ceramic Mosaic*



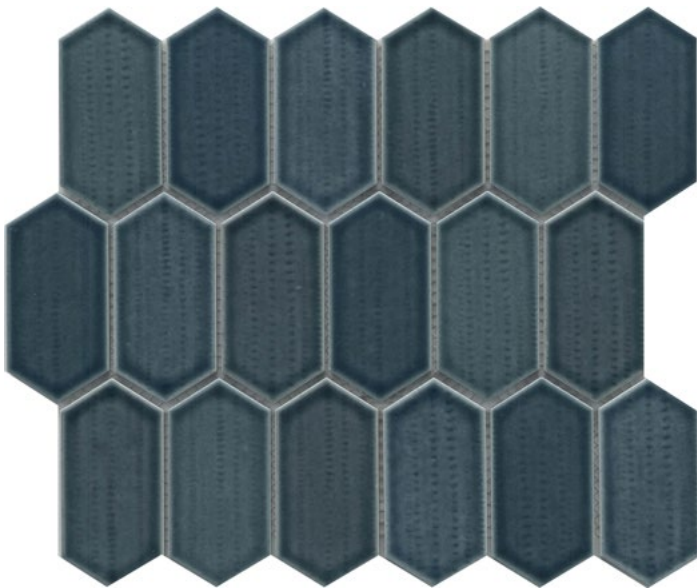




White



Ivory



Navy

Sizes	 10" x 12" 10.04" x 11.57"
Thickness	7.5mm
Testing	Shade Variation Rating
Results*	V2

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

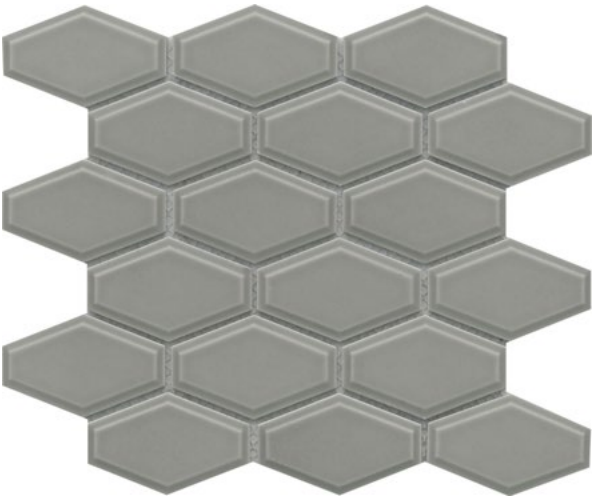
\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Sophisticated, timeless, and always right on trend, Omni™ porcelain mosaic is ideal for modern design. The hexagonal shape, and the color palette itself, inspires. Whether you mix-and-match or choose one – the possibilities are endless. Omni is available in three colors.

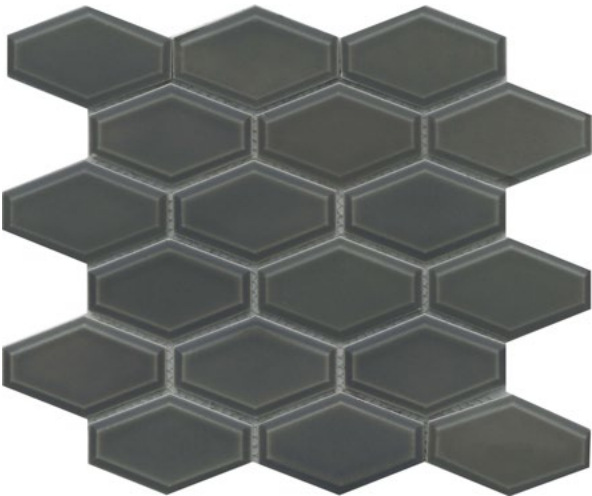
OMNI™  
*Glazed Porcelain Mosaic*



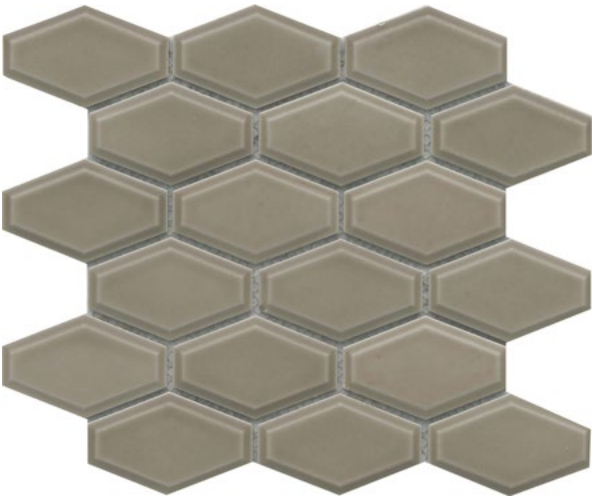




Dove



Gray



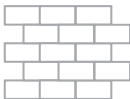


Taupe



White



All Colors Also Available in Fan and 3"x6" Beveled Patterns

Sizes			
	11"x12"	10"x11"	10"x11"
Thickness	6mm	6mm	7mm
Testing	Shade Variation Rating		
Results*	V2		

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

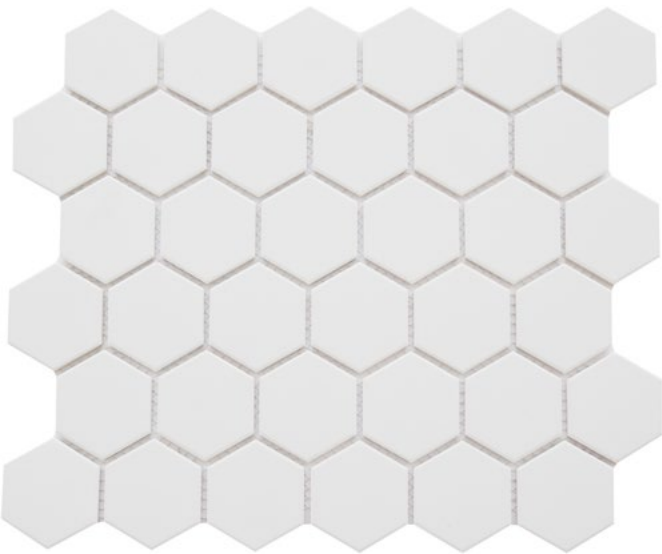
\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Reward™ porcelain tile celebrates geometric shapes with classic elongated hexagons, bricks and curvy fish scales. Even in simplicity, these tiles are styled to make a signature and durable moment for those investing in their next home renovation or design project.

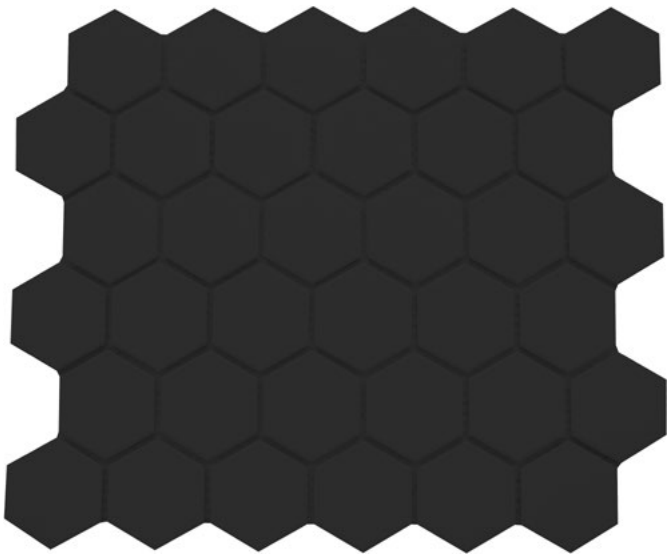
**REWARD™**  
*Glazed Porcelain Mosaic*



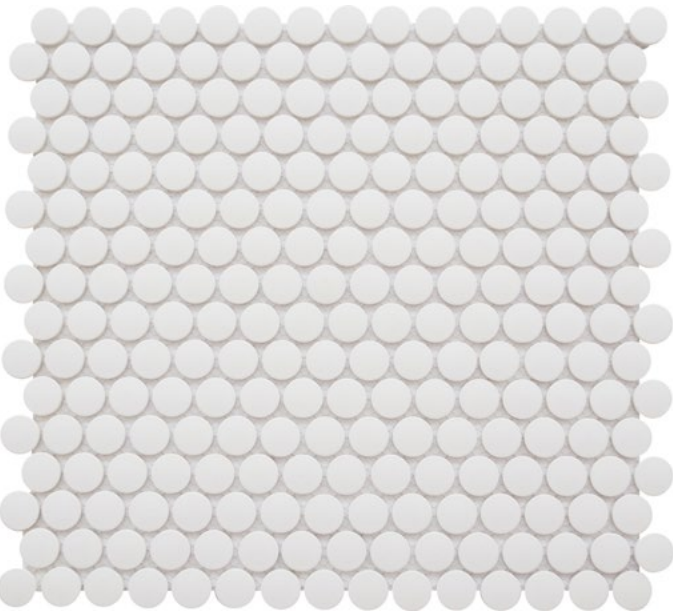




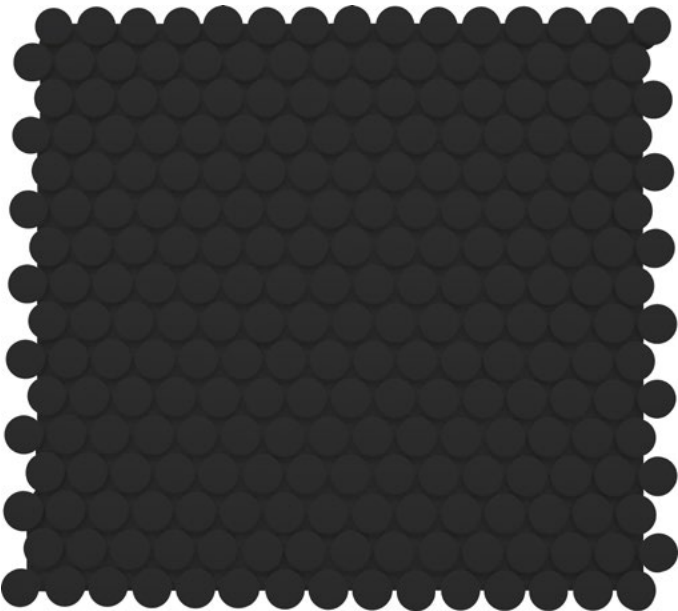
White 2" Hex



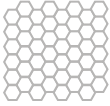
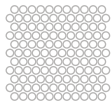
Black 2" Hex



White Penny



Black Penny

Sizes		
	11" x 13" 10.98" x 12.68"	11" x 12" 11.34" x 12.24"
Thickness	5.5mm	5.5mm
Testing	Shade Variation Rating	
Results*	VI	

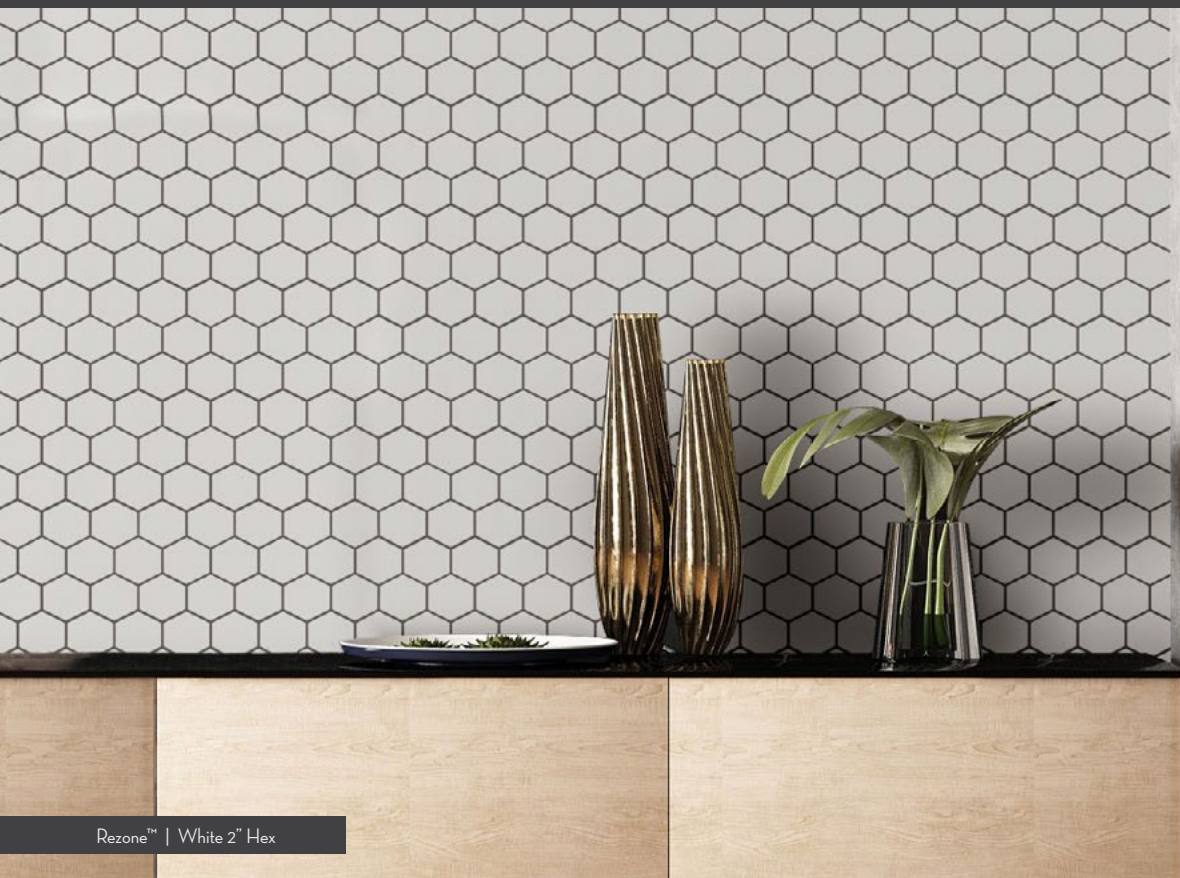
-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

Give any room a patterned, finished look with the classic simplicity of Rezone™. The clean lines of this all white mosaic add a sense of calm and order in a range of applications.

## REZONE™

*Unglazed Porcelain Mosaic*





1" Hex on 11"x11"	3" Hex on 9"x10"	2"x2" on 12"x12"	1" Hex on 11"x11"	3" Hex on 9"x10"	2"x2" on 12"x12"
Pure White			Black		
Fawn			Dark Blend		
Gray			Light Blend		
Taupe					
Salt & Pepper					
White	Fawn	Cider	Taupe	Black	

Sizes

Thickness

12"x12" Mesh 11.69"x11.69"	9"x10" Mesh 8.66"x9.88"	11"x11" Mesh 11.42"x11.02"	2"x2" Floor SBN	2"x2" Cove Base	2"x2" SBN Corner
6mm	6mm	6mm			

Testing

Results\*

Shade Variation Rating

V1

Sustainability Attributes

- Red List Free
- Health Product Declaration (HPD) provided upon request
- Product Packaging is 100% recyclable
- VOC Free

Salt & Pepper Close-Up

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

The clean, natural design aesthetic of Source™ is amplified through its neutral color palette. The contemporary shapes and smooth, matte finish make Source the tile of choice.

# SOURCE™

*Unglazed Porcelain Mosaic*



Commercial Catalog



White



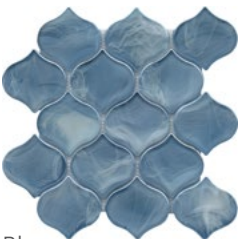
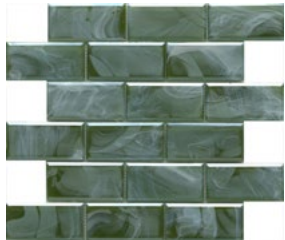
Silver



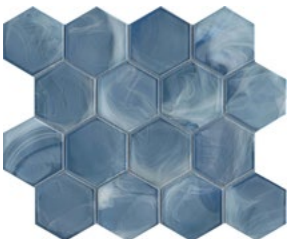
Tan



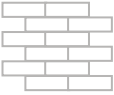
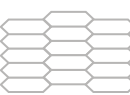


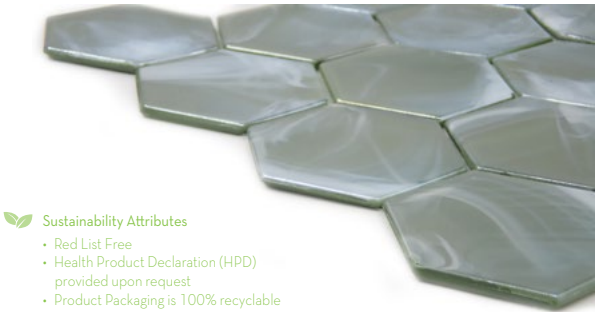
Moss



Blue



Sizes				
	11"x12" Mesh 12.40"x10.71"	10"x10" Mesh 10.12"x9.76"	12"x13" Mesh 12.2"x12.52"	10"x14" Mesh 9.92"x13.78"
Thickness	6mm	6mm	6mm	6mm
Testing	Shade Variation Rating			
Results*	V4			



-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



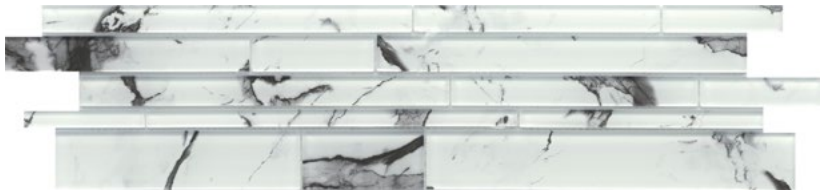
Geometry and whimsy meet to make a splash with one of Emser's latest collections of decorative glass tiles. Invite modern backsplashes and bold surface designs to today's kitchens, baths, accent walls, and pools. Made of molten glass, the swirl design of each piece is unique making this a one-of-a-kind tile. A dazzling iridescent finish available in five colorways: White, Silver, Tan, Moss, and Blue.

## SPLASH™

*Glass Mosaic*







Bliss



Calm



Ease



Peace



Quiet



Serene

Sizes

Thickness


6"x24" Mesh  
5.91"x23.54"

6mm

Testing	Shade Variation Rating
Results*	V2

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
  - VOC Free

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



Zen™ is an alluring glass mosaic series that encapsulates contemporary motifs. High-definition printing achieves soothing movement influenced by marble and wood looks. Inspiring peaceful interiors, Zen™ is ideal for kitchen and bath surfaces and backsplashes.

**ZEN™**  
*Glass Mosaic*









# COMMERCIAL EXTENSION PROGRAM





## COMMERCIAL EXTENSION PROGRAM

The following curated program offers unique products specifically designed for use in commercial applications. Included in this collection are a line of products that were developed featuring a special R11 Anti-Slip finish which makes these products ideal for use in high-traffic areas, outdoor spaces, including swimming pool surrounds, office floors, and any area where the tile can be exposed to water and moisture. We offer this special finish, which roughens the surface of the tile, with our most popular tiles. This unique finish does not alter the beauty of the tile but enhances it by providing added peace-of-mind.

To be considered R11 Anti-Slip, the product must pass an internationally recognized testing. The R rating is determined via testing in accordance with DIN 51130:2004 and looks at a slip angle of 19-27 degrees and a moderate slip risk.

This curated collection offers style, beauty and added safety for both commercial and residential applications.

### REQUIREMENTS

- Signed order acknowledgement
- Job information
- Photos of signed samples
- 50% Deposit
- Estimated lead times 90-120 days to be confirmed
- See individual series for MOQ









Beige Bush Hammered



Gray Bush Hammered



White Bush Hammered

SIZES	<div><div></div><div>24"x24"</div><div>23.43"x23.43"</div></div>						
	Thickness10mm						
	Faces20						
	FinishR11, Bush Hammered						
	EdgeRectified						
	Grout Joint RecommendationCheck Website						
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	Results*Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V2

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.





## ***Commercial Extension Program***

This offering of Borigni features a special R11 Anti-Slip finish in a 24"x24" size. The bush hammered finish provides unique texture while still providing an industrial, urban aesthetic. Suitable for commercial and residential applications, Borigni may be installed on floors and walls. Use it as an accent piece for your fireplace façade, or install it on your shower wall or floor.

# BORIGNI™ R11

*Glazed Color Body Porcelain*





Commercial Catalog - Supplemental Products



WARM

STONE

Mink
Dark Greige
White

CEMENT

Mink
Dark Greige
White

WOOD

Dark Greige
Mink
Dark Oak
White

METAL

Mink
Copper

COOL

Gray
Dark Gray

Dark Gray
Dark Gray
Gray
Natural Oak

Silver Gray
Iron

Sizes							Mosaics & Trim
	32" x 32" 31.38" x 31.38"	24" x 24" 23.50" x 23.50"	24" x 48" 23.50" x 47.13" Cement & Stone Only	16" x 32" 15.63" x 31.38"	12" x 24" 11.69" x 23.50"	8" x 48" 7.76" x 47.13" Wood Only	
Thickness	9mm	9mm	9mm	9mm	9mm	10mm	<b>EmGuard &amp; EmGuard+</b> Anti-Microbial Technology Available**  Product and Installation Details   ANSI A108.02 Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.
Faces	Random 10 (Stone)	Random 10 (Stone)	Random 9 (Stone)	Random 20 (Stone)	Random 20 (Stone)	12	
Finish	Matte	Matte	Matte	Matte	Matte	Matte	
Edge	Rectified	Rectified	Rectified	Rectified	Rectified	Rectified	
Grout Joint Recommendation	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	TIP	>250 lbf	TIP	TIP	TIP	TIP	V2-V3

- Sustainability Attributes**
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

• VOC Free



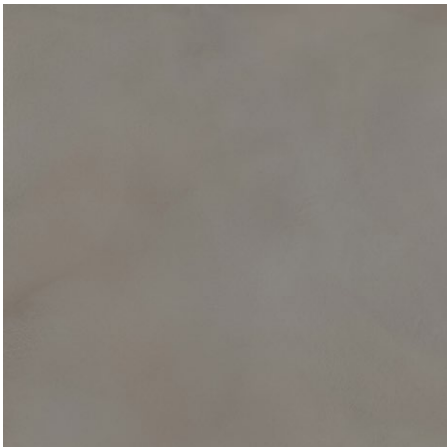
\*For more information check with your Emser representative. Always consult a professional for proper usage and installation. \*\*EmGuard is not applicable to FIXT Stone & Cement size 24x47 and entire FIXT Wood & Metal series. EmGuard+ is not applicable to FIXT Stone & Cement size 24x47 and entire FIXT Metal series.

A collection of on trend looks designed to coordinate perfectly with one another to create a one-of-a-kind look. Fixt stone, cement, wood and metal together to create a stylish, yet highly functional space, for any commercial application.

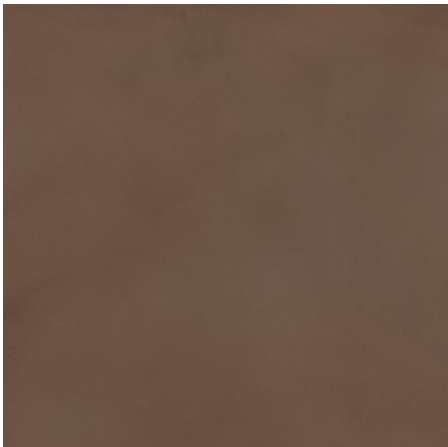
**FIXT™**  
*Glazed Porcelain*



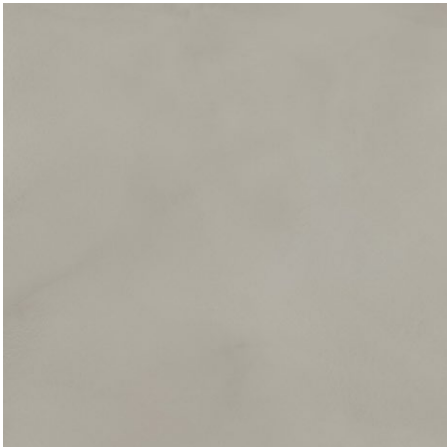




Gray



Rust



Silver

SIZES	<div>32" x 32"</div> <div>31.38" x 31.38"</div>						
	20mm						
	18						
	R11						
	Rectified Beveled						
	Check Website						
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V2

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



## ***Commercial Extension Program***

This special subset of Ironworx is being offered with an anti-slip finish making this product ideal for high traffic areas or those that are prone to moisture. Available in 32" x 32" size and three rich colors providing a level of refined elegance that cannot be matched.

# IRONWORX™ R11

*2CM Glazed Porcelain*







Gold Floret

SIZES	<div></div>						
	16" x 47" 15.67" x 47.17"						
	Thickness						
	11mm						
	Faces						
	1						
Finish							
Satin							
Edge							
Rectified							
Grout Joint Recommendation							
1/16"							
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results*	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V1

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



## ***Commercial Extension Program***

The Floret pattern of Marquesa, combined with the elegance of gold, make this a stylish and sophisticated addition to any space. The large format size and rich coloring speaks to high-end luxury and complements almost any space.

# MARQUESA™ GOLD

*Glazed Ceramic*







Gray



Moon

SIZES	<div></div> <div>20" x 40" 19.69" x 39.37"</div>						
	20mm						
	8						
	R11, Grip						
	Pressed						
	Check Website						
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V2

Sustainability Attributes

- Red List Free
- Health Product Declaration (HPD) provided upon request
- Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.





## ***Commercial Extension Program***

Milestone embodies the natural elements of slate but with the added safety of the R11 Anti-Slip finish. This large format tile is available in our two most popular colors and is ideal for commercial and residential spaces both indoors and out.

# MILESTONE™ R11

*Glazed Porcelain*



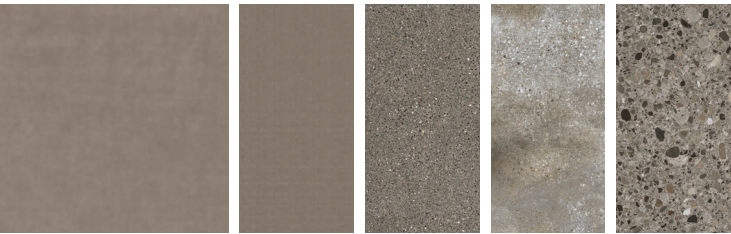


WARM

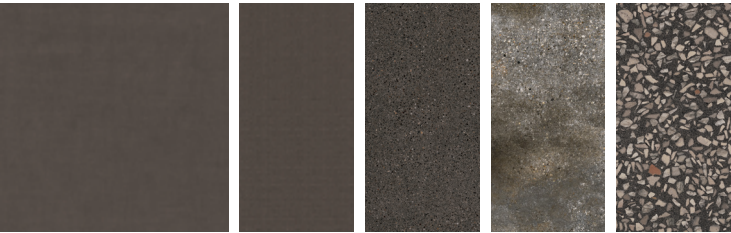
Light Greige



Greige



Dark Greige

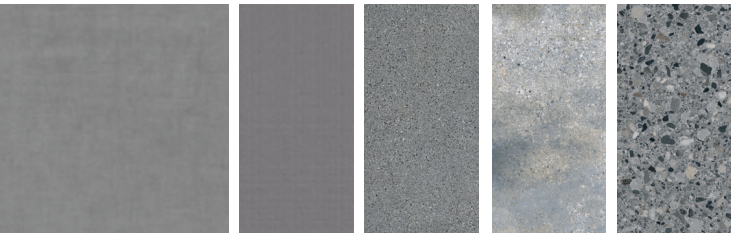


COOL

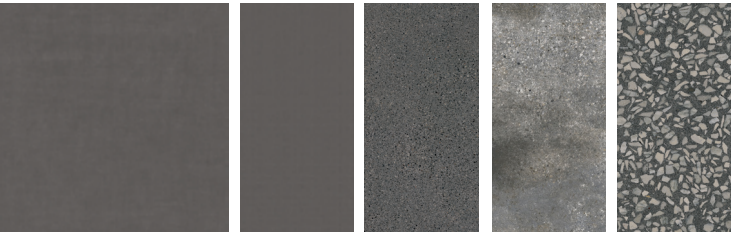
Light Gray



Gray



Dark Gray



BRUSHED

TEXTURE

SPECK

MINERAL

FLAKE

BRUSHED




TEXTURE


SPECK

MINERAL

FLAKE

Speck and Flake Available in 32"x32" and 24"x24"  
Brushed, Texture, and Mineral Available in 32"x32", 24"x24", and 12"x24"

Sizes							
	32"x32" 81.38"x81.38"	24"x24" 60.96"x60.96"	12"x24" 30.48"x60.96"				
Thickness	9mm	9mm	9mm				
Faces	5-8	5-8	12				
Finish	Matte	Matte	Matte				
Edge	Rectified	Rectified	Rectified				
Grout Joint Recommendation	1/8"	1/8"	1/8"				
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
Results*	TIP	>250 lbf	Resistant	<0.5%	TIP	TIP	V1 - V3

 **EmGuard & EmGuard+**  
Anti-Microbial Technology Available\*\*

Product and Installation Details | ANSI A108.02  
Section 4.3.8.2 - For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.



-  Sustainability Attributes
  - Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable
- VOC Free

\*For more information check with your Emser representative. Always consult a professional for proper usage and installation.  
\*\*EmGuard and EmGuard+ are applicable to the entire MIXT series.



A collection of on trend looks designed to coordinate perfectly with one another to create a one-of-a-kind look. Mix stone, terrazzo, wood and concrete together to create a stylish, yet highly functional space, for any commercial application.

**MIXT™**  
*Glazed Porcelain*







Ivory



Gray



Charcoal

SIZES	<div>12" x 23"</div> <div>11.65" x 23.43"</div>						
	9mm						
	80						
	R11, Outdoor						
	Rectified						
	Check Website						
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	Check Website	Check Website	Check Website	Check Website	Check Website	9	V3

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.







### ***Commercial Extension Program***

One of our most popular tiles, Mood, has now been enhanced with the added R11 Anti-Slip finish. Mood is reminiscent of the quartzite stone from Vals on the canton of the Grisons, Switzerland and adds a natural feel to any space. Ideal for use indoors and out, this 12"x23" tile is available in three stylish colors.

**MOOD™ R11**  
*Glazed Porcelain*







Gray



Taupe



Silver

Sizes	<div><div></div><div>24"x24"</div><div>23.46"x23.46"</div></div>						
	Thickness						
	9mm						
	Faces						
	17						
Finish							
R11							
Edge							
Rectified							
Grout Joint Recommendation		Check Website					
Testing	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	Results*	Check Website	Check Website	Check Website	Check Website	Check Website	V2

Sustainability Attributes

- Red List Free
- Health Product Declaration (HPD) provided upon request
- Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



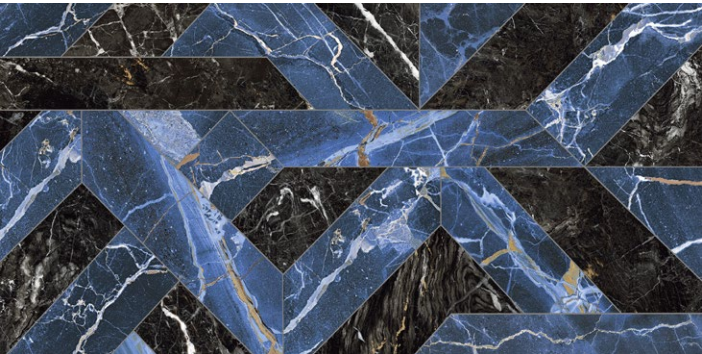
## ***Commercial Extension Program***

The industrial, avant-garde look of Network is enhanced with the added R11 Anti-Slip finish. This added finish makes Network ideal for commercial and residential applications especially outdoor areas and provides a stylish and seamless transition.

**NETWORK™ R11**  
*Glazed Porcelain*







Blue Outline




Brown Outline




Cold Outline



White Outline

SIZES							
	24" x 47" 23.46" x 47.05"						
	Thickness 7mm						
	Faces Check Website						
	Finish Polished						
EDGE	Rectified						
	Grout Joint Recommendation Check Website						
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V2

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.



## ***Commercial Extension Program***

Inspired by the world's finest marbles, Parkview offers traditional marble looks with classic whites and the deepest blacks as well as unconventional marbles with its deep, rich cobalt blue. Parkview Outline provides an unique blend of these colors makes a stunning statement.

# PARKVIEW™ OUTLINE

*Glazed Porcelain*








Astral Large Format



Brown Large Format

SIZES	<div><div></div><div>102" x 47" 47.24" x 102.36"</div></div>						
	Thickness3mm						
	Faces9 Astral; 8 Brown						
	FinishPolished						
	EdgeRectified						
	Grout Joint RecommendationCheck Website						
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A1371	Scratch Hardness MOHS	Shade Variation Rating
	Results*Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V2

 Sustainability Attributes

- Red List Free
- Health Product Declaration (HPD) provided upon request
- Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.







## ***Commercial Extension Program***

Inspired by the world's finest marbles, Parkview Slab offers traditional marble looks with classic whites and the deepest blacks in an elegant large format tile with a 3mm thickness.

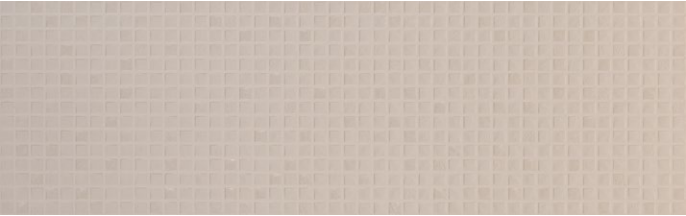
# PARKVIEW™ LARGE FORMAT

*Glazed Porcelain*

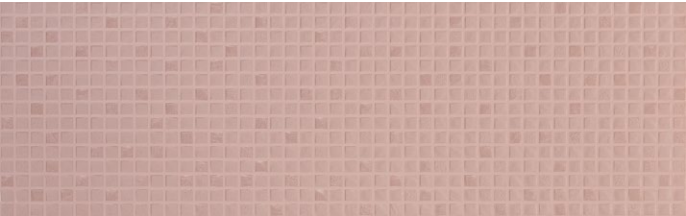


Commercial Catalog

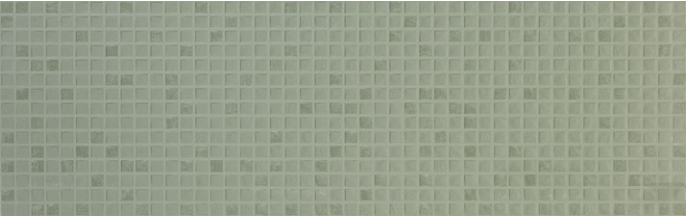
WALL RESIDENTIAL COMMERCIAL INDOOR



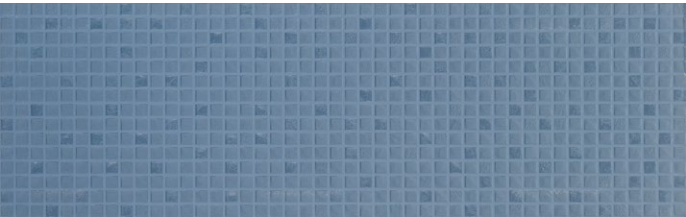
Sand



Rose



Green



Blue

SIZES	<div></div>						
	12" x 39" 12.40" x 39.37"						
	Thickness9.5mm						
	Faces1						
	FinishMatte						
	EdgeRectified						
Grout Joint Recommendation		1/16"					
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	Results* Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V1

- Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.

## ***Commercial Extension Program***

This playful large format tile provides a hint of glittery light that enlivens any space. The four contemporary colors are versatile and work beautifully with any design theme. The fun pattern and texture of Sparkle™ in combination with the large format size, adds personality to any room.

# SPARKLE™ SQUARE

*Glazed Ceramic*








Hamilton



Hudson



Morningside

SIZES							
	20" x 40" 19.69" x 39.37"						
	Thickness						
	20mm						
	Faces						
	6						
FINISH	R11, Grip						
	Edge						
	Rectified						
Grout Joint Recommendation		Check Website					
TESTING	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	Results*	Check Website	Check Website	Check Website	Check Website	Check Website	V2

-  Sustainability Attributes
- Red List Free
  - Health Product Declaration (HPD) provided upon request
  - Product Packaging is 100% recyclable

\*For more information visit [www.emser.com](http://www.emser.com). Always consult a professional for proper usage and installation.





## ***Commercial Extension Program***

The natural stone look of Uptown married with the R11 Anti-Slip finish, makes this tile a must have for any application. The earthy colors provide a timeless urban feel. The large format size of 20" x 39" makes this tile a breeze to install. Ideal for commercial and residential applications.

# UPTOWN™ R11

*Glazed Color Body Porcelain*









# RESOURCES



# PRODUCT TESTING & ATTRIBUTES

In order for a tile to be considered for a particular application, various test results must be considered in addition to defining its final use. Usage charts are provided as a general guide only. Actual job site conditions may change a product's suitability for a specific application. If special conditions apply; an Emser Tile® representative should be consulted prior to material selections. All testing is conducted in a lab environment and represents the specific specimens being tested. New production runs, actual jobsite conditions, as well as the handling and installation of products may alter the performance results. For the most current testing results and application usage guide please visit our website at [emser.com](http://emser.com). The testing and information that should be looked at prior to making selections are as follows:

## **Water Absorption - ASTM C373**

Water absorption is the measurement of density, porosity and specific gravity of a product. It is used as a tool for identifying structural properties of the body of the tile that may be required to determine use in a given application. Tiles are classified according to water absorption percentages as follows:

Impervious tile:	<0.5%
Vitreous tile:	>0.5% - <3%
Semi-vitreous tile:	>3% - <7%
Non-vitreous:	>7% - <20%

## **Breaking Strength - ASTM C648**

Breaking strength is measured by applying force to an unsupported portion of tile until breakage occurs. The results are expressed in lbf (pounds of force). This test covers the determination of the breaking strength of glazed and unglazed porcelain and ceramic floor tiles, wall tiles, mosaics, quarry tiles, and paver tiles. Ceramic/ Porcelain tiles used on floors and walls must be able to withstand the expected load bearing capacity of various installations and must meet >250lbf to be considered suitable for floor use. This is a very different measurement of force than PSI and there is no direct conversion of pounds of force to pounds per square inch.

## **Chemical Resistance - ASTM C650**

The chemical resistance test is intended for tile that will be used for lavatories, food counters or similar residential, commercial or medical installations. A tile sample is placed in continuous contact with a variety of chemicals for 24 hours, rinsing the surface and then examining the surface for visible variation. These results are typically measured as a pass or fail.

## **Freeze Thaw Cycling - ASTM C1026**

The freeze thaw cycle test measures a tile's resistance to various stages of freeze cycles. The first step involves soaking the tile in water using a vacuum method to ensure its pores are properly saturated before it is subjected to freezing temperatures. The tile is then monitored for failures. As water expands when it freezes, tiles that are not suitable will show stress cracks, or simply break apart. These results are typically reported as a pass or fail.

## **Scratch Hardness - MOHS Scale**

Scratch hardness is the tile surface resistance to scratching by different minerals, the softest being talc (1) and the hardest being diamond (10). The MOHS scale of hardness is the most common method used to rank gemstones and minerals according to hardness.

## **Abrasion Resistance - ASTM C1027**

Abrasion resistance measures the visible surface abrasion of glazed porcelain and ceramic, glazed quarry, and glazed mosaics by subjecting the test specimens to a rotating abrasion wheel. This test is monitored for failures after a certain number of cycles. Below is the classification for this test:

- O: Wall use only- 100 rotations
- I: Residential, light traffic- 150 rotations
- II: Residential, medium to light traffic- 600 rotations
- III: Residential, heavy traffic; Commercial, light traffic- 750-1,500 rotations
- IV: Commercial, considerable traffic- 2,100-12,000 rotations
- V: Commercial, heavy traffic- >12,000 rotations plus dye test

\*Deep Abrasion ASTM C1243 must be used for unglazed products

## **Deep Abrasion Resistance - ASTM C1243**

Deep Abrasion resistance measures the volume removed from an unglazed tile that is subjected to a rotating abrasion wheel. Below is the classification for this test:

- Class 1:** Pressed, extruded, other with <0.50% water absorption - maximum loss 175mm<sup>3</sup>
- Class 2:** Pressed with >0.50%-3.0% water absorption - maximum loss 225mm<sup>3</sup>
- Class 2:** Extruded, other with >0.50%-3.0% water absorption - maximum loss 275mm<sup>3</sup>
- Class 3:** Pressed with >3.00%- 7.00% water absorption - maximum loss 345mm<sup>3</sup>
- Class 3:** Extruded, other with >3.00%- 7.00% water absorption - maximum loss 393mm<sup>3</sup>
- Class 4:** Extruded, other with >7.00%-20.00% water absorption - maximum loss 2,365mm<sup>3</sup>
- Class 4:** Pressed with >7.00%-20.00% water absorption - maximum loss no requirement

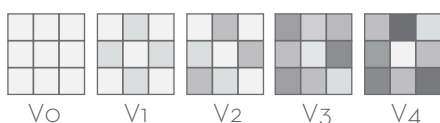
## **Dynamic Coefficient of Friction - ANSI A137.1 and A326.3**

The coefficient of friction measurement is an evaluation of a tile surface under known conditions using a standardized sensor material. It provides a useful comparison of tile surfaces, but it does not predict the likelihood a person will or will not slip on a tile surface. DCOF (Dynamic Coefficient of Friction) specifically tests the friction of an object that is already in motion (kinetic). The BOT3000E (Binary Output Tribometer) is a machine that runs approximately 8" across a surface, measures the DCOF of the tile and provides a digital reading with the results. Because this machine is automated, it objectively measures the slip resistance and most importantly provides

repeatable results. ANSI A137.1 recommends, but does not require, a wet result of 0.42 or greater for interior surfaces that are intended to be walked on wet. If the surface is not intended to be walked on wet then a different value may be specified. Some surfaces intended to be walked on wet should be >0.60 depending on final traffic type and use, so specification of “>0.42” may not be sufficient. Although there are no ADA or OSHA benchmarks for DCOF values in the current guidelines and codes for interior applications, Emser recommends a DCOF of 0.50 or greater for covered exterior floor applications as well as interior commercial dining areas due to the presence of grease, water and other contaminants. Emser also recommends that all exposed exterior floors that will be walked on wet meet 0.60 DCOF. If the floors will not be walked on when wet then a lower DCOF may be suitable. There is no direct conversion of ANSI DCOF values to European ISO R-values, however a comparison range can be provided by request.

## Shade Variation

Shade variation is the tile’s range from complete inconsistency to a more random appearance. Below is an overview of color and shading of individual tile selections.



- V0** - Monochromatic - Very uniform, monochromatic color
- V1** - Low - Consistent color within each tile and from tile to tile
- V2** - Medium - Color variation within each tile
- V3** - High - Some variation from tile to tile, and within each tile
- V4** - Random - Considerable variation from tile to tile

## Glazed Porcelain

Glazed porcelains are manufactured to have superior breaking strength, scratch, wear, dirt and water resistance. Porcelains are a type of ceramic with a much more refined body and are dry pressed. The body of a porcelain has a <0.50% water absorption rate while the glaze applied to the surface of the tile is impermeable. All porcelain tiles are fired in a kiln just like ceramics but they are fired under higher heat for longer periods of time, and under pressure, which adds to the density and durability of the tile.

## Glazed Ceramic

Glazed ceramics offer stain and moisture resistance compared to most unglazed clay products. Ceramic tiles are made from a combination of clays, polymers and fine powders such as sand and feldspar. The body of a ceramic is often referred to as a “bisque,” or “clay.” Ceramics have either a red or white body, which is typically determined by the region the clay was mined from. The body of a ceramic has a >0.50% water absorption rate, while the glaze applied to the surface of the tile is impermeable after firing, making it a low maintenance and durable wall or flooring surface.

## Glazed Body Match

Glazed products typically have a white or red body, however, a glazed body match tile has a tinted body to match the top glaze color. With glazed porcelain and ceramic tiles, the hardness and abrasion resistance of the glaze will determine product suitability for a particular application. A colored body is more desirable in case the tile chips or scratches and the color of the body becomes exposed. If the body matches the glaze, chips and scratches will not be as evident.

## Through-Body/Unglazed

Through-body porcelains are unglazed and exhibit the same color and pattern all the way through the tile. The pressed dry powder method is also known as Single Charging. During this process, fine powders are colored during the pressing stage of production and the pigments are consistent throughout the body of the tile. Through-body porcelain tiles are typically very dense, extremely durable and desirable in applications subject to heavy abrasion. The advantage to using through body products is the ability to bullnose custom trims on site and ability to buff out any light scratching.

## Double Loaded

Double Loaded, also known as Double Charging, is formed by fusing two layers of porcelain together. The base layer of porcelain is bonded to an aesthetic top layer where the coloring is already infused into the micro-powders. Once these two layers are pressed together, they are fired to form one solid tile. No glaze is applied to the top surface. These tiles can often be bullnosed just like a through-body as the top and bottom layers are similar in color. The thickness of the top layer is significant enough where the performance characteristics would be the same as a through-



# PRODUCT DETAILS CHART

## Emser Tile® Part Numbers Examples:

Prefix	Color Code	Size/Finish
F13STER	AS	1224P
Sterlina	Asphalt	12x24 Polished

Prefix	Color Code	Size/Finish
F13STER	AS	1212MOM
Sterlina	Asphalt	12x12 Mosaic Matte

Prefix	NCS ID	Size/Version
Jo1BW	S7020R90B	o306PV2
B2B Wall	S7020-R90B	3x6 Glossy

## Floor Tile

Series	Part No. Prefix	Sizes	Edge	Finish	Faces
Access II	F23ACCE	12x24 24x47	Rectified Rectified	Matte Matte	16 4
Action	F45ACTI	11x23	Rectified	Polished	24
Albero	F58ALBE	8x24	Pressed	Matte	8
Angeles	F34ANGE	9x47	Pressed	Matte	18
Anthem	F58ANTH	18x18 13x23 12x12	Pressed Pressed Pressed	Matte Matte Matte	8 8 8
Archive	Fo2ARCH	11x23	Rectified	Polished	16
Baja	F22BAJA	18x18 14x14 13x13 12x24 6x6	Pressed Pressed Pressed Pressed Pressed	Matte Matte Matte Matte Matte	5 4 4 8 16
Banzai	Fo7BANZ	6x35	Pressed	Matte	10
Bauhaus	W34BAUH	8x8 Plain Hex Arrow Floral	Rectified Pressed Pressed Pressed Pressed	Matte Matte Matte Matte Matte	10 10 10 10 15
Beach Wood	F59BEAW	8x34	Rectified	Matte	20
Beckway	Fo2BECK	6x24	Pressed	Matte	9
Belstar	F22BELS	16x16	Pressed	Matte	9
Borgata	F22BORG	12x24 16x16	Pressed Pressed	Matte Matte	8 12
Borigni	A41BORI	12x23 18x35 35x35	Rectified Rectified Rectified	Matte Matte Matte	20 20 10
Brava	F39BRAV	13x13 12x24	Pressed Pressed	Matte Matte	17 11
Brique	F39BRIQ	2x10	Pressed	Matte	24
Brook	F22BROO	18x18 14x14 12x24	Pressed Pressed Pressed	Matte Matte Matte	12 24 16
BB Concrete	Jo1BCON	12x24 15x29 24x47 29x29	Rectified Rectified Rectified Rectified	Matte Matte Matte Matte	32 32 8 16
BB Metal	Jo1BMET	12x24 24x47	Rectified Rectified	Matte Matte	48 12
BB Wood Oak	Jo1BOAK	8x47	Rectified	Matte	40

Series	Part No. Prefix	Sizes	Edge	Finish	Faces
BB Wood Yakedo	F42YAKE	8x47	Rectified	Matte	36
Cabin	F12CABI	6x24	Pressed	Matte	6
Cabo	F84CABO	13x13 17x17	Pressed Pressed	Matte Matte	20 20
Cassero II	F23CASS	12x24 24x47	Rectified Rectified	Matte Matte	16 4
Chiado II	Fo4CHIA	12x24	Rectified	Matte	12
Chronicle	Fo2CHRO	12x24	Pressed	Matte	16
Citizen	F26CITI	12x24 24x24 24x48	Rectified Rectified Rectified	Matte & Lappato	30 15 12
Ciudad	F84CIUD	12x24	Pressed	Matte	12
Contessa	F15CONT	3x6 3x6 11x23 12x24 13x13 18x18 23x23 24x24	Rectified Rectified Rectified Pressed Pressed Pressed Rectified Pressed	Matte Polished Polished Matte Matte Matte Polished Matte	>100 >100 20 20 10 9 10 10
Cortijo	F26CORT	18x18	Pressed	Matte	8
Cosmopolitan	Fo2COSM	12x24 24x24	Pressed Pressed	Matte Matte	10 5
Council	F50COUN	12x24 24x24	Rectified Rectified	Matte Matte	12 6
Daroca	F16DARO	12x24 13x13 17x17	Pressed Pressed Pressed	Matte Matte Matte	20 20 20
Denova	F47DENO	9x36 12x24	Pressed Pressed	Matte Matte	12 12
Design Design (Art)	F37DESI	9x9 9x9	Pressed Pressed	Matte Matte	1 18
Dunham	F45DUNH	12x23	Rectified	Matte	18
Erosion	F13EROS	12x24 13x13 20x20	Pressed Pressed Pressed	Matte Matte Matte	16 20 16
Esplanade	Fo2ESPL	11x23 12x24 17x35	Rectified Pressed Pressed	Polished Matte Matte	16 16 5
Eurasia	Fo2EURA	12x24	Pressed	Matte	8

Series	Part No. Prefix	Sizes	Edge	Finish	Faces
Expanse: Arabescato Lazio White Onix White Network Hangar	V68EXPA	63x126	Rectified	Polished	3
	V68EXPA	63x126	Rectified	Polished	3
	V68EXPA	63x126	Rectified	Polished	4
	V40NETW	63x126	Rectified	Matte	3
	V40HANG	63x126	Rectified	Matte	2
Explorer	F07EXPL	12x24	Pressed	Matte	18
Facade	F45FACA	12x24	Pressed	Matte	18
Geometry	F39GEOM	10x10	Pressed	Matte	1
Giza	F15GIZA	12x24	Pressed	Matte	10
Hangar	A40HANG	12x23	Rectified	Matte	20
		23x47	Rectified	Matte	10
Havana	F58HAVA	12x12	Pressed	Matte	8
		18x18	Pressed	Matte	8
Heksa	F30HEKS	8x9	Pressed	Matte	1
Hollywood	A40HOLL	8x47	Rectified	Matte	8
Ironworx	F82IRON	12x23	Rectified	Matte	72
		Ridge	Rectified	Matte	36
		31x31	Rectified	Matte	18
Larchmont	F12LARC	6x35	Pressed	Matte	9
		6x24	Pressed	Matte	9
Latitude	F45LATI	12x24	Pressed	Matte	24
Legacy	A40LEGA	8x47	Rectified	Matte	20
Livorno	A40LIVO	12x23	Rectified	Matte	8
		23x47	Rectified	Matte	8
Milestone	F86MILE	12x24	Rectified	Matte	20-24
		24x47	Rectified	Matte	5
Mokuzai II	F15MOKU	8x35	Pressed	Matte	9
Mood	F44MOOD	12x23	Rectified	Matte	84
		23x47	Rectified	Matte	21
Motion	F45MOTI	12x24	Pressed	Matte	24
Network	A40NETW	12x23	Rectified	Matte	30
		23x47	Rectified	Matte	10
		31x31	Rectified	Matte	24
Newport	F17NEWP	12x24	Rectified	Matte	16
		12x24	Rectified	Lappato	16
Nostalgia	F26NOST	18x18	Pressed	Matte	4
Nova	F49NOVA	12x24	Pressed	Matte	18
Orchard	F23ORCH	8x47	Rectified	Matte	10
Outpost	A86OUTP	12x24	Rectified	Matte	32
		24x47	Rectified	Matte	8
Parkview	A86PARK	12x24	Rectified	Matte	32-36
		12x24	Rectified	Polished	32-36
		24x47	Rectified	Polished	8-9
Pienza	F39PIEN	12x24	Pressed	Matte	11
		24x24	Pressed	Matte	8
Pocono	F19POCO	6x24	Pressed	Matte	20
		6x36	Pressed	Matte	20
Porch	F33PORC	6x47	Rectified	Matte	40
		8x47	Rectified	Matte	30
		12x47	Rectified	Matte	20
Porto II	F16PORT	12x24	Rectified	Matte &	10
		24x24	Rectified	Polished	8
		32x32	Rectified		8

Series	Part No. Prefix	Sizes	Edge	Finish	Faces
Potenza	F12POTE	12x24	Pressed	Matte	9
		13x13	Pressed	Matte	13
		18x18	Pressed	Matte	7
Realm II	Fo2REAL	12x24	Pressed	Matte	10
		13x13	Pressed	Matte	11
		18x18	Pressed	Matte	11
Reminisce	F26REMI	18x18	Pressed	Matte	1
Rerserva	Fo2RESE	12x24	Pressed	Matte	37
		13x13	Pressed	Matte	49
		18x18	Pressed	Matte	37
Rhapsody	F36RHAP	13x13	Pressed	Matte	20
Rhythm	F36RHYT	11x13	Pressed	Matte	Solid
Sanctuary II	F47SANC	9x36	Pressed	Matte	6
Sandstorm	Fo2SAND	12x24	Pressed	Matte	16
Sculpture	F26SCUL	12x24	Pressed	Matte	26
Señora	F26SENO	18x18	Pressed	Matte	10
Serendra	Fo7SERE	12x24	Pressed	Matte	12
		12x24	Pressed	Polished	12
		24x47	Pressed	Matte	4
		24x47	Pressed	Polished	4
		31x31	Pressed	Matte	4
		31x31	Pressed	Polished	4
Silhouette	Fo2SILH	12x24	Pressed	Matte	6
Sterlina	F13STER	6x12	Rectified	Polished	12
		9x10 Hex	TIP	Matte	TIP
		12x24	Rectified	Matte	12
		12x24	Rectified	Polished	12
		24x24	Rectified	Matte	12
		24x24	Rectified	Polished	12
Style II	Fo4STYL	12x24	Rectified	Matte	1
		12x24	Rectified	Polished	1
		24x24	Rectified	Matte	1
		24x24	Rectified	Polished	1
		24x47	Rectified	Matte	1
		24x47	Rectified	Polished	1
Sweden	F65SWED	12x24	Rectified	Polished	20
		24x24	Rectified	Polished	6
Swiss II	F67SWIS	11x23	Rectified	Polished	20
		12x23	Rectified	Matte	20
		24x47	Rectified	Polished	20
		32x32	Rectified	Polished	20
Technique	F16TECH	12x24	Pressed	Matte	16
Terazio	F43TERA	12x24	Rectified	Matte	16
		24x24	Pressed	Polished	8
Tesola	F58TESO	12x12	Pressed	Matte	8
		18x18	Pressed	Matte	8
Theory	F23THEO	8x45	Rectified	Matte	12
Thread II	Fo4THRE	12x24	Rectified	Matte	1
Toledo	F84TOLE	13x13	Pressed	Matte	4
		17x17	Pressed	Matte	4
Trendz	F48TREN	12x24	Rectified	Matte	32
		12x35	Rectified	Matte	8



# PRODUCT DETAILS CHART (CONT.)

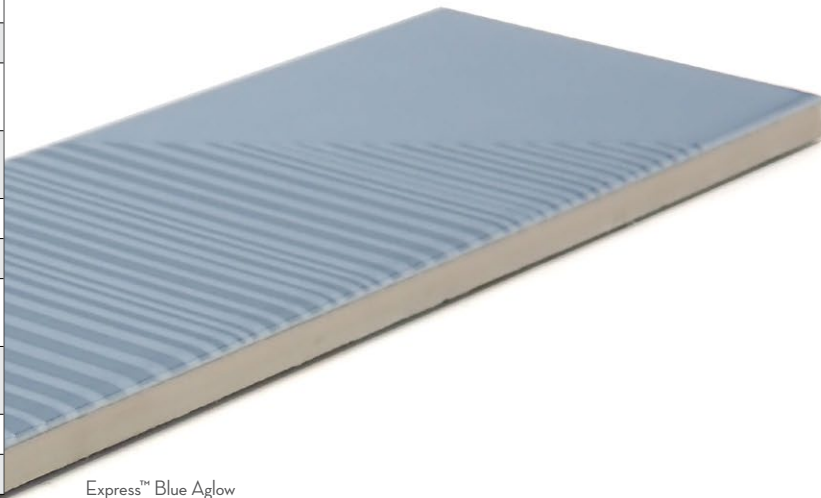
## Floor Tile (CONT.)

Series	Part No. Prefix	Sizes	Edge	Finish	Faces
Trovata II	F50TROV	12x24	Pressed	Matte	16
		13x13	Pressed	Matte	16
		21x21	Pressed	Matte	8
Uddo	F58UDDO	8x24	Pressed	Matte	8
Uptown	A86UPTO	12x24	Rectified	Matte	24
		24x24	Rectified	Matte	20
		24x47	Rectified	Matte	6
Vara	Vo4VARA	12x24	Rectified	Matte	12-17
		12x24	Rectified	Polished	12-17
		24x24	Rectified	Matte	10
		24x24	Rectified	Polished	10
		24x47	Rectified	Matte	6
		24x47	Rectified	Polished	6
Velocity	Fo2VELO	17x35	Rectified	Matte	3
Victus	Fo7VICT	8x48	Pressed	Matte	16
Virtue	F19VIRT	18x18	Pressed	Matte	4
Xtra Cemento Xtra Travertine	B11XTRA	24x24	Rectified	Matte	8
		24x24	Rectified	Matte	12

Series	Part No. Prefix	Sizes	Edge	Finish	Faces/ Patterns
Fregio	W20FREG	6x20	Straight	Matte	3 / 2
Glow	W86GLOW	17x47	Rectified	Matte	1 / 3
Hues	W21HUES	3x10	Rectified	Matte	1 / 1
Immerse	F25IMME	6x6	Pressed	Glossy	TIP
Jazz	W53JAZZ	12x24	Rectified	Glossy	1 / 2
Kudos	F23KUDO	12x24	Rectified	Matte & Polished	32 / 1
	W23KUDO	16x47		Polished	16 / 2
Luxo	W24LUXO	3x12	Pressed	Glossy	N/A / 1
Marquesa	W35MARQ	16x47	Rectified	Matte	11 / 2
Motif II	W46MOTI	4x12	Pressed	Glossy	1 / 1
Nuovo	W38NUOV	12x35	Rectified	Matte	1 / 5
Ombre	W37OMBR	6x12	Pressed	Glossy	4 / 1
Passion	W32PASS	3x8 9x9	Pressed Pressed	Glossy Glossy	30 / 1 TBD
Place2B	W10PLAC	2x10	Pressed	Matte	8 / 1
Raku	W32RAKU	3x12	Pressed	Matte & Glossy	56 / 1
Rift	W35RIFT	16x47	Rectified	Matte	3 / 1
Sculpture	F26SCUL	12x24	Pressed	Matte	26 / 1
		13x36	Pressed	Glossy	16 / 3
Sonata	W35SONA	16x47	Rectified	Matte	2 / 1
Sparkle	W35SPAR	12x39	Rectified	Matte	1-6 / 5
Sphere	W23SPHE	3x12	Pressed	Glossy	1 / 1
Synergy	W61SYNE	16x47	Rectified	Matte	1-3 / 2
Vertigo	Fo2VERT	10x30	Pressed	Glossy	3 / 3

## Wall Tile

Series	Part No. Prefix	Sizes	Edge	Finish	Faces/ Patterns
Artwork	F33ARTW	12x35	Pressed	Glossy	1 / 3
Back to Basics	Jo1BWS	3x6	Pressed	Glossy	1 / 1
Bimova	F14BIMO	8x24	Pressed	Glossy	TIP / 1
Catch	F14CATC	2x8	Pressed	Matte & Glossy	1 / 1
		3x6	Pressed		
		3x12	Pressed		
		4x10	Pressed		
		4x16	Pressed		
		6x18	Pressed		
		6x6	Pressed	Glossy	Ice Only
Center	F26CENT	13x36	Rectified	Matte	1 / 3
Choice II	F28CHOI	3x6	Pressed	Glossy	1 / 1
		4x12			
Code	W10COD	Hex	Pressed	Matte	1 / 3
	F10CODE	Trap.	Pressed	Matte	1 / 1
Colori	F26COLO	10x30	Pressed	Glossy	1 / 1
Connect	Wo6CONN	6x24	Pressed	Matte	215
Craft II	F46CRAF	3x12	Pressed	Matte & Glossy	1 / 1
Emora	F14EMOR	3x6	Pressed	Matte & Glossy	TIP
		4x16	Pressed		TIP
Euphoria	W30EUPH	3x12	Pressed	Matte	1 / 3
Express	W37EXPR	3x12	Pressed	Glossy	1 / 4



Express™ Blue Aglow

## Decorative Tile

Series	Part No. Prefix	Sizes	Finish	Material
Afloat	F51AFLO	12x12 13x13	Glossy	Glazed Porcelain
Alluro	Mo5ALLU	9x9 12x12	Polished	Marble
Bizou	F67BIZO	9x13 10x12 12x13 13x13	Polished	Marble
Catalyst	Wo5CATA	13x14	Glossy/Matte	Resin Cast Stone & Glass
Charisma	W8oCHAR	10x12 11x12 10x13	Glossy	Glass
Concept	W93CONC	8x10 8x12 10x12 11x12	Semi-Gloss	Glazed Glass
Confetti II	W85CON2	12x12	Glossy/Matte	Recycled Glass & Porcelain Mix
Cultura	Mo5CULT	12x12	Honed	Pebbles
Diva	W94DIVA	10x12	Glossy	Glazed Ceramic
Echo	W87ECHO	10x12 11x13 12x14	Glossy	Recycled Glass
Edge	W8oEDGE	12x12	Glossy/Matte	Glass
Entity	W8oENTI	12x12	Glossy	Glass & Stone
Feature	P99FEAT	12x18	Splitface	Groutless Stone
Fleur	W94FLEU	11x12	Polished	Glazed Ceramic, Stone, & Glass
Glitz	W13GLIT	12x12	Glossy	Glass & Metal
H2O	W91H2O	12x12	Glossy	Glass
Hanami	W5oHANA	9x13		Glazed Porcelain
Illumina	W89ILLU	12x12	Glossy	Glass & Stone
Impact	F11IMPA	11x12 11x13 12x12 12x11	Matte	Glazed Porcelain
Impulse	W75IMPU	14x15	Polished/ Mirror	Marble, Limestone, & Antique Mirrored Glass
Infinity	W87INFI	12x12	Glossy	Glass
Influence	W95INFL	10x11 10x12 11x12 11x13	Glossy	Glazed Porcelain
Intrigue	W94INTR	11x15 12x12 12x14	Polished/ Matte/Mirror	Porcelain, Glass, & Stone
Irish	W91IRIS	8x11	Iridescent	Glass
Kaze	W5oKAZE	12x16	Glossy/Matte	Glazed Ceramic
Kinetic	W5oKINE	11x12	Glossy	Glazed Ceramic
Kumito	W5oKUMI	12x16	Matte	Glazed Ceramic

Series	Part No. Prefix	Sizes	Finish	Material
La Vie	W13LAVI	12x12	Glossy	Glass
L'Amour	W83LAMO	9x11 10x11 10x12 12x12	Polished	Recycled Glass
Link	F67LINK	12x17 12x18	Polished	Groutless Marble
Literati	Wo5LITE	12x12	Glossy/ Honed/ Textured	Resin Cast Stone
Lucente	W8oLUCE	12x12 12x13 13x13 3x6	Glossy/Matte	Glass
Mizu	W5oMIZU	8x16	Glossy	Glazed Ceramic
Modan	W5oMODA	12x12	Matte	Unglazed Porcelain
Morocco	W94MORO	10x11	Glossy	Glazed Ceramic
Mythos	W94MYTS	11x12 11x13 12x12	Matte	Glazed Ceramic
Nagara	W5oNAGA	11x11	Glossy	Glazed Ceramic
Omni	W5oOMNI	10x12	Glossy	Glazed Porcelain
Picket	W13PICK	10x11	Glossy	Glass
Retro II	W85RET2	9x10	Matte/Satin	Resin & Ceramic Mix
Reward	F27REWA	10x11 11x12	Glossy	Glazed Porcelain
Rezone	W95OZON	11x12 11x13	Matte	Unglazed Porcelain
Rivera Pebbles	Mo5PEBB	12x12	Honed	Flat Pebble
Source	W71SOUR	9x10 11x11 12x12	Matte	Unglazed Porcelain
Spin	W95SPIN	11x11		Glazed Porcelain
Splash	W88SPLA	10x10 10x14 11x12 12x13	Satin	Glass
Unique	W87UNIQ	12x12	Glossy/Matte	Glass & Stone
Venetian Pebbles	M18VENE	12x12	Honed	Flat Pebble
Volare	W94VOLA	12x12	Glossy/Matte	Glass & Porcelain
Waterlace	W29WATE	12x12	Glossy	Glass
Zen	W93ZEN	6x24	Glossy	Glass



# PRODUCT USAGE CHART

Series	Commercial Floor	Residential Floor	Residential & Commercial Wall	Shower Wall	Shower Floor	Steam Shower	Kitchen Counter	Stove Area	Fireplace Façade	Exterior Wall	Exterior Floor (Covered)	Exterior Floor (Uncovered)	Pool Waterline	UV Stable
Access II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Action	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y
Albero	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N	Y
Alluro	TIP	Y	Y	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Angeles	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Anthem	N	Y	Y	Y	N	N	Y	Y	Y	N	N	N	N	Y
Archive	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y
Artwork	N	N	Y	Y	N	Y	N	Y	Y	N	N	N	N	Y
Back to Basics	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Baja	TIP	Y	Y	Y	TIP	N	N	N	Y	TIP	TIP	TIP	N	Y
Banzai	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Bauhaus	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Beach Wood	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Beckway	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Bizou	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Borigni	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Brava	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Brique	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Brook	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	TIP	N	Y
Building Blocks™ Concrete	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Building Blocks™ Metal	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Building Blocks™ Wood Oak	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Building Blocks™ Wood Yakedo	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Cabin	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Cabo	N	Y	Y	Y	N	N	Y	Y	Y	N	N	N	N	Y
Cassero II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Catalyst	N	Y	Y	Y	Y	Y	N	N	Y	N	N	N	N	Y
Catch	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Center	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Charisma	N	N	Y	Y	N	Y	N	Y	Y	N	N	N	N	Y
Chiado II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Choice II	N	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	N	N	TIP	TIP
Chronicle	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Citizen	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Ciudad	Y	Y	Y	Y	Y	N	N	Y	Y	TIP	N	N	N	Y
Code Trapezoid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Colori	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y

Series	Commercial Floor	Residential Floor	Residential & Commercial Wall	Shower Wall	Shower Floor	Steam Shower	Kitchen Counter	Stove Area	Fireplace Façade	Exterior Wall	Exterior Floor (Covered)	Exterior Floor (Uncovered)	Pool Waterline	UV Stable
Concept	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
Confetti II (White/Freddo)	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	Y
Confetti II (Bronze/Metal)	N	N	Y	Y	Y	Y	N	Y	Y	N	Y	N	N	Y
Connect	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
Contessa	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Cortijo	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	TIP	N	Y
Cosmopolitan	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Council	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Craft II	N	N	Y	Y	N	N	Y	Y	Y	N	N	N	N	Y
Cultura	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Daroca	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Denova	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Design	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	N	Y
Diva	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Dunham	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Echo	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Edge	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N
Emora	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Entity	N	N	Y	Y	N	N	N	N	Y	N	N	N	N	N
Erosion	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Esplanade	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Euphoria	N	N	Y	Y	N	N	N	Y	N	N	N	N	N	Y
Eurasia	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Expanse	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y
Explorer	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Express	N	N	Y	Y	N	N	N	Y	N	N	N	N	N	Y
Façade	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Feature	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Fleur	N	N	Y	Y	N	N	N	Y	Y	Y	N	N	Y	Y
Fregio	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Geometry	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Giza	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Glitz	N	N	Y	N	N	N	N	Y	Y	N	N	N	N	N
Glow	N	N	Y	Y	N	N	N	Y	Y	Y	N	N	N	Y
H2O	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
Hanami	N	N	Y	Y	N	Y	N	TIP	TIP	Y	N	N	Y	Y
Hangar	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y



# PRODUCT USAGE CHART *(CONT.)*

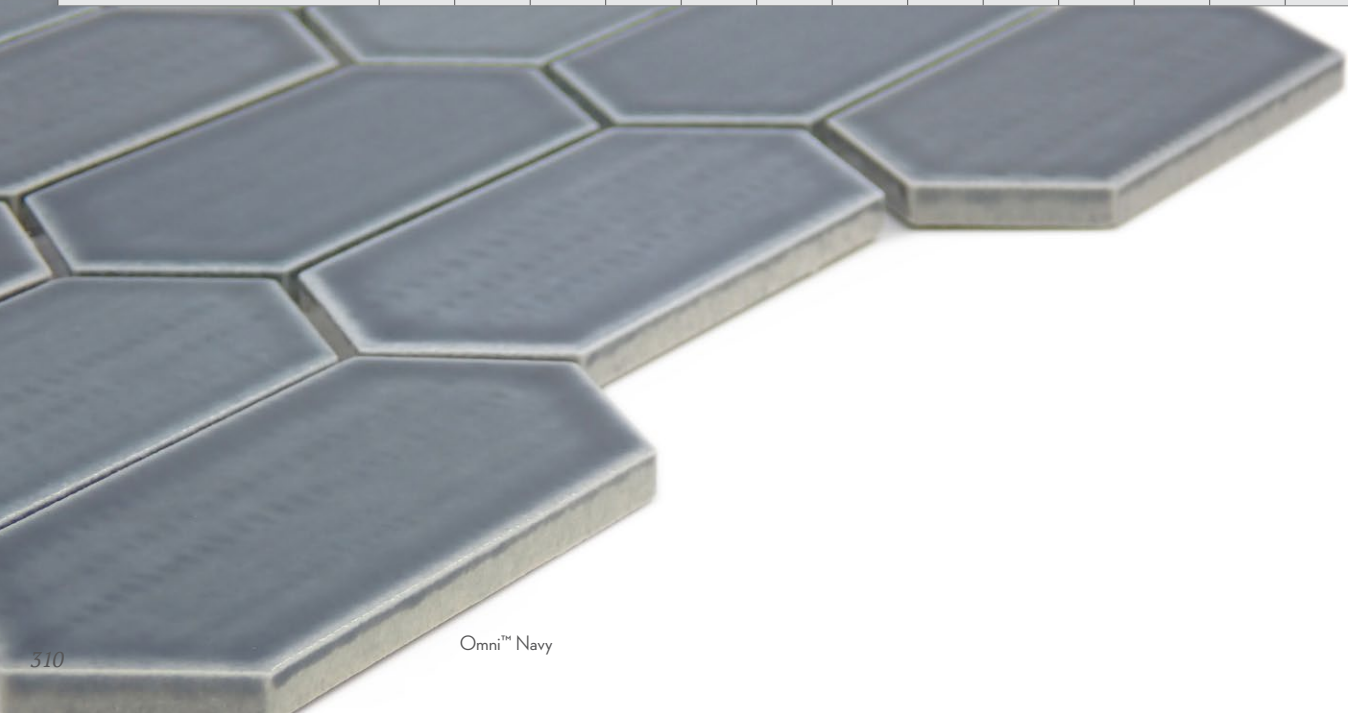
Series	Commercial Floor	Residential Floor	Residential & Commercial Wall	Shower Wall	Shower Floor	Steam Shower	Kitchen Counter	Stove Area	Fireplace Façade	Exterior Wall	Exterior Floor (Covered)	Exterior Floor (Uncovered)	Pool Waterline	UV Stable
Havana	N	Y	Y	Y	N	N	Y	Y	Y	N	N	N	N	Y
Heksa	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Hollywood	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Hues	N	N	Y	Y	N	N	Y	Y	Y	N	N	N	N	Y
Illumina	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Immerse	N	N	Y	Y	N	Y	N	TIP	TIP	Y	N	N	Y	Y
Impact	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	Y	Y
Impulse	TIP	N	TIP	Y	TIP	Y	N	Y	Y	TIP	TIP	TIP	Y	TIP
Infinity	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Influence	N	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	Y	Y
Intrigue	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y
Irish	N	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y
Ironworx Flat	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Ironwork Ridge	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Jazz	N	N	Y	Y	N	Y	Y	Y	Y	N	N	N	N	Y
Kaze	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
Kinetic	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
Kudos (12x24 Matte)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Kudos (12x24 Polished)	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	Y
Kudos (16x47)	N	N	Y	Y	N	N	N	Y	Y	Y	N	N	N	Y
Kumito	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
L'Amour	N	N	Y	Y	N	Y	TIP	Y	Y	Y	N	N	Y	Y
La Vie	N	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y
Larchmont	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Latitude	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Legacy	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Link	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	Y	Y
Literati	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Livorno	Y	Y	Y	Y	Y	Y	TIP	Y	Y	Y	Y	Y	Y	Y
Lucente	N	N	Y	Y	Y	N	N	Y	Y	Y	N	N	Y	Y
Luxo	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Marquesa	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Milestone	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Mizu	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
Modan	N	N	Y	Y	N	Y	Y	TIP	TIP	Y	N	N	Y	Y
Mokuzai II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Mood	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Morocco	N	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y

Series	Commercial Floor	Residential Floor	Residential & Commercial Wall	Shower Wall	Shower Floor	Steam Shower	Kitchen Counter	Stove Area	Fireplace Façade	Exterior Wall	Exterior Floor (Covered)	Exterior Floor (Uncovered)	Pool Waterline	UV Stable
Motif II	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Motion	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Mizu	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
Mythos	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
Nagara	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
Network	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Newport	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Nostalgia	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	TIP	N	Y
Nova	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Nuovo	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Ombre	N	N	Y	Y	N	Y	N	Y	Y	N	N	N	N	Y
Omni	N	N	Y	Y	N	Y	N	N	Y	Y	N	N	Y	Y
Orchard	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Outpost	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Parkview (Matte)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Parkview (Polished)	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	Y	Y
Passion	N	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y
Picket	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N
Pienza	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Pocono	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Porch	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Porto II (Matte)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Porto II (Polished)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Potenza	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Raku	N	N	Y	Y	N	N	N	Y	Y	TIP	N	N	N	Y
Realm II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Reminisce	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	TIP	N	Y
Reserva	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Retro II	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Reward	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	N	Y
Rezone	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Rhapsody	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Rhythm (Solid)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Rhythm (Deco)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Rift	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Rivera Pebbles	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Sanctuary II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Sandstorm	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

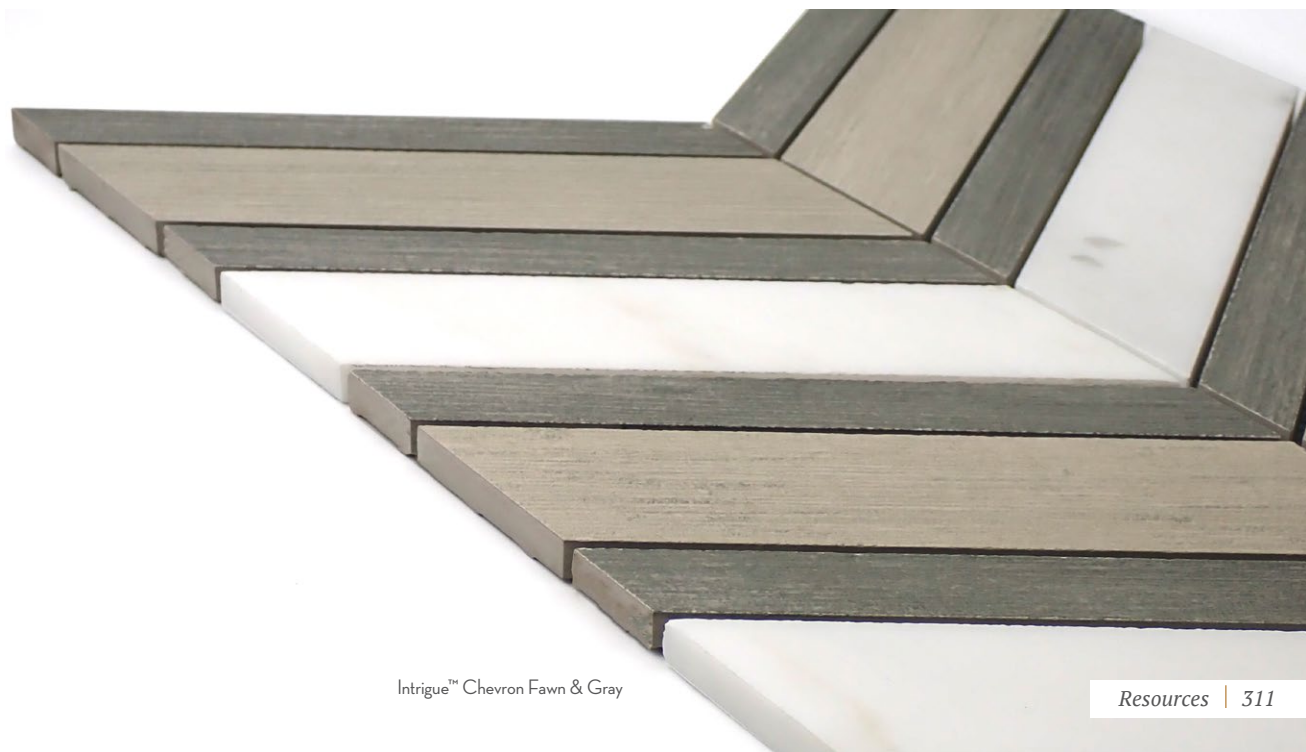


# PRODUCT USAGE CHART *(CONT.)*

Series	Commercial Floor	Residential Floor	Residential & Commercial Wall	Shower Wall	Shower Floor	Steam Shower	Kitchen Counter	Stove Area	Fireplace Façade	Exterior Wall	Exterior Floor (Covered)	Exterior Floor (Uncovered)	Pool Waterline	UV Stable
Sculpture (Flat)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Señora	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y
Serendra (Matte)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Serendra (Polished)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Silhouette	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Sonata	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Source	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Sparkle	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Sphere	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Spin	N	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	Y	Y
Splash	N	Y	Y	Y	N	Y	N	Y	Y	Y	N	TIP	Y	Y
Sterlina (Matte)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Sterlina (Polished)	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	Y	N
Style II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Sweden (Matte)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	TIP	Y	Y
Sweden (Polished)	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	TIP	Y	Y
Swiss II	N	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y
Synergy	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Technique	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Terazio (Matte)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Tesola	Y	Y	Y	Y	N	N	N	Y	Y	N	N	N	N	Y



Series	Commercial Floor	Residential Floor	Residential & Commercial Wall	Shower Wall	Shower Floor	Steam Shower	Kitchen Counter	Stove Area	Fireplace Façade	Exterior Wall	Exterior Floor (Covered)	Exterior Floor (Uncovered)	Pool Waterline	UV Stable
Theory	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Thread II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Toledo	Y	Y	Y	Y	N	N	N	Y	Y	N	N	N	N	Y
Trendz	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Trovata II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Uddo	Y	Y	Y	Y	N	N	Y	Y	Y	N	N	N	N	Y
Unique	N	N	Y	Y	N	N	N	N	Y	N	N	N	N	N
Uptown	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Vara	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Velocity	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y
Venetian Pebbles	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Vertigo	N	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	Y
Virtue	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Volare	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y
Waterlace	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Xtra	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Zen	N	N	Y	Y		Y	Y	Y	Y	Y	Y	N	Y	Y





# BEST PRACTICES INSTALLATION

## PREP:

### PATTERN INSTALLATIONS

Before selecting a multi-size, multi-finish, or multi-product pattern, it is important to understand the nuances of pattern assembly and installation. Having the distribution center dry lay prior to ordering is absolutely necessary to ensure a pattern will work. Grout joint width must be taken into consideration in order for the final pattern design to align properly. Proper overages should be ordered to ensure the entire project is being ordered from appropriate size and shade calibers. When doing a checkerboard pattern, for example, with two tiles that are the same nominal size, from the same series, it may not work if the actual dimensions of the product are not the same. Each color, finish and size may be from a different production run. Selecting tiles from the same series or even the same color does not guarantee that a pattern will work correctly.

### DRY LAY PRIOR TO SETTING IN MORTAR

It is standard practice to dry lay all tiles with a pattern as well as mosaic products, especially those with an interlock prior to setting them in mortar. This is especially critical with natural stones that may display V2 Shade variation or higher. Dry laying ensures the interlock is tight, the tiles can be blended properly and the sheet placement and cuts can be planned accordingly.

### GAUGED PORCELAIN

It is important to understand gauged porcelain standards for interior installations (ANSI A108.19) prior to beginning any work. Special tools and procedures must be observed to ensure a successful install. There are many things to consider from transportation of A-frames on flat-bed trucks, A-frames to move materials around the jobsite, carrying material up elevators and stair wells, suction cups and special tools for handling, additional surface prep to ensure floor flatness, appropriate tables and tools for cutting, corner protectors, additional labor and the like. Emser Tile, in partnership with its adhesive manufacturers, offers training and information on how to achieve a successful installation in this product category prior to purchasing. As of the publication of this catalog there are no industry standards for exterior use. As such, manufacturer's recommendations prevail. A mortar method can be used for horizontal exterior applications, while a mortar and mortar/fastener method should be considered for vertical exterior applications.

## SET:

### FINISHING HIGH RELIEF EDGES

3D, textured, split-face and high relief products may be challenging to trim out when coming to a sudden stop in the middle of a wall, when tiling around an outlet, mitering a corner, or butting them up to an adjacent wall covering. Due to the nature of these products, it is best to tile from end to end both vertically and horizontally

whenever possible. Where a stop is necessary, some series may come with a flat field tile that can be used to trim out the desired edges. Otherwise, it may be necessary to simply leave the edge grouted, coordinate bullnose and flat pieces from other series, or install metal profiles. In the case of natural stone split faced edges, hand chiseling may be required. Additional options should be discussed and may be available prior to material specification.

### KNOCKING DOWN RIDGES

Before pressing glass tiles and mosaics into adhesive, it is important to knock down the ridges and smooth them out with the flat edge of your trowel, to prevent them from showing through the glass lens, or coming up through thinner mosaic products. In some cases, where back buttering tiles is necessary, it is important these ridges be knocked down as well as not to create stripes or unintentional voids. For glass lens products, any mortar or adhesive that comes up between the tiles may be visible post install.

### LEVELING CLIP SYSTEM

A leveling clip system is recommended to achieve narrow grout widths and minimize lippage with planks and large format tiles (those with a single edge being >18"). The clip system will not only allow for a tighter joint, but will minimize the visibility of any inherent warping, or lippage, that may be prevalent in the finished application. Often times a clip system will allow a joint to be narrower than the manufacturer's recommendation and should be discussed with a sales associate prior to specification.

### LARGE FORMAT SHOWER FLOOR

Field tiles larger than 6"x6", that meet appropriate DCOF values based on final use, that cannot be sloped towards a center drain on a shower floor, may be sloped to one side using a linear drain. For proper sloping, reference to ANSI installation standards is required.

### JOINT WIDTH

ANSI standards recommend that the actual grout joint size be at least three times the actual variation of facial dimensions of the tile supplied. Example: for tile having a total variation of 1/16" in facial dimensions, a minimum of 3/16" grout joint shall be used. Nominal centerline of all joints shall be straight with due allowances for hand molded or rustic tiles. The actual grout joint size may of necessity vary from the grout joint size specified or recommended by the manufacturer.

### LIPPAGE ALLOWANCE

For grout joint widths 1/8"-1/4", a 1/32" lippage is allowed during installation. ANSI standards recommend that the total lippage be calculated by adding this allowable lippage for installation to the inherent warping of a product. Installation lippage + warping in manufacturing (within tolerance) = total allowable lippage of a finished assembly. This can be as much as the thickness of a quarter (coin), slightly over 2mm. The presence of lippage can be exaggerated by a number of factors: uneven subfloors, laying large

format tiles in a 50% brick joint offset, not back buttering large format tiles, grout joint width being too narrow and natural and artificial light sources making standard variances more noticeable. Industry standards allow for a certain amount of lippage to be present based on various factors. In backsplashes the most common unavoidable issue that accentuates lippage is under-cabinet lighting, lighting from a hood range washing the tiled wall. Whenever possible all light sources should be a minimum 24" from the wall to prevent shadowing.

## UNIVERSAL COVE INSTALLATION

Emser Tile's cove bases are designed to be universal top mount, or inline, with a 3/8" radius to comply with health codes. To use the cove as a top mount, the bottom lip should be cut at the curvature to ensure the curve feathers into the floor it is being placed on top of. This would be most commonly used over existing tile or concrete floors. To be used as an in-line cove, the lip should remain intact and be installed adjacent to the floor tile (not on top of it), so the curvature feathers into the surface of the field tile. To comply with codes, the lip should never be placed on top of an existing floor covering creating a 90 degree angle between perpendicular surfaces. The lip either must be cut off, or sunken in behind the tile/floor. To tile above a universal covebase, the bullnose edge simply needs to be cut off. Alternatively, the top bullnose edge can be left in place when the cove is used as a base trim.

## 33% OFFSET

For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage. In some cases, tiles with an edge larger than 48", by necessity, may only accept a maximum 20% offset. Should tiles in the actual shipment received be completely flat, the final offset can be determined by the specifier and owner and can be 50% only if the tiles and substrates allow it. Some patterns such as a weave, pinwheel or herringbone are considered a 50% offset.

## REMOVE AND REPLACE MODULES

When working with any mosaic sheet, especially those with a linear pattern, freeform pattern, or interlocking edge, manipulation by cutting individual modules from the mesh may be necessary to ensure that the product interlocks properly and creates a seamless look. Hand placement of individual pieces should also be considered for best results when working with certain types of freeform patterns to avoid small perimeter cuts.

## PREVENTING CHATTER DURING GLASS CUTS

To avoid chipped edges when cutting with a wet saw, position the blade 1/32" short of cutting entirely through the glass. When the cut is complete, simply snap the edge off for the cleanest cut.

## GROUT:

### GROUTING HIGH RELIEF EDGES

Grouting high relief products may not be necessary in a dry application when the tile is just being used as a decorative wall covering. However, when using tiles in a wet application such as a shower, exterior, or any area that will come in contact with moisture, grease, food, or other types of debris, it may be necessary to grout in between the tiles to prevent water damage, mold growth and other undesirable effects. The best way to do this is with a grout bag and/or brush, to ensure the grout is forced into the joint properly. In some cases where the joint width is very narrow, caulking may be a more suitable option instead of grout.

### BRUSHING DURING GROUTING

For the best results during grouting, a medium bristle brush may be required to expose the edge of the pebbles or high relief modules to a desired level and expose any that may have been buried using a standard rubber float.

### FORCEFUL GROUTING AND SANDED GROUT

Forceful grouting with sanded and non-sanded grout may scratch the surface of metal, glass, resin, and polished finishes. It is important to be careful when grouting decorative mosaics, tiles with glossy glazes and unglazed polished products. A new rubber float is recommended for these types of finishes to ensure abrasives have not dried onto the float from any previous work.

## CARE:

### REMOVING NANO COATINGS

Nano coatings are buffed into the surface of polished products to increase luster and protect the tiles during shipping, handling and installation. This finish should not be removed unless it has been compromised during installation. A nano cleaning agent is necessary to evenly remove the coating. Other types of chemicals and detergents may not work if they are not specifically designed to be a nano scrub. A sealer should be applied to the surface after the nano coating is properly removed to aid in day to day cleaning.

Grout Release and Sealing Porcelain, Ceramic, Glass and Metal  
When installing matte glazed, unglazed, metallic, textured, crackled, or high DCOF products (>0.50 DCOF wet), the use of a grout release is recommended prior to grouting. This includes frosted and matte finished glass tiles as well. Grout particles may become trapped in the surface pores on a microscopic level, or in the textured grooves of a product and inadvertently create a grout haze. Sometimes this haze can be invisible until it is exposed to dirt. Although glazed and high-density products are generally considered impervious, sealing these types of products after install will aid in day to day cleaning and help eliminate the appearance of fingerprints and other marks only seen under certain angles of





Raimondi® Clip Leveling System

light. Using in appropriate sealers and/or not following the sealing manufacturer's instructions may result in undesirable effects on the tile such as yellowing, or creating a gummy film. All guidelines must be followed prior to application.

## OTHER:

### WALL WASH LIGHTING

If wall wash lighting that is installed under cabinets, or on a range hood, is positioned closer than the recommended 24" from a wall, specifier and owner must approve a mock-up as well as any lippage effects. The nature of wall wash lighting that is installed too close to a wall surface is such that it may create undesirable and exaggerated shadowing on the tiled surface, making the appearance of tile that is otherwise produced and installed according to industry standards unattractive.

### SHADOW EFFECT IN GLASS TILE

When using back painted glass tile and mosaic products, a shadowing effect may be inherent in the finished application, at the grout joints, when viewed at certain angles. This effect is due to a number of factors including mortar ridges showing through, inherent presence of glue on the edges of any mosaic modules, or grout not being forced into the joint properly. It is most noticeable when the mortar is a contrasting color to the grout as well as when light colored grouts are used. In order to blend the appearance of shadows between adjacent tile modules, it is best to tint the mortar to match the grout color, make sure edges of tiles are clean, knock down any trowel ridges, ensure the mortar is not coming up between the tiles and ensure grout joints are properly filled.

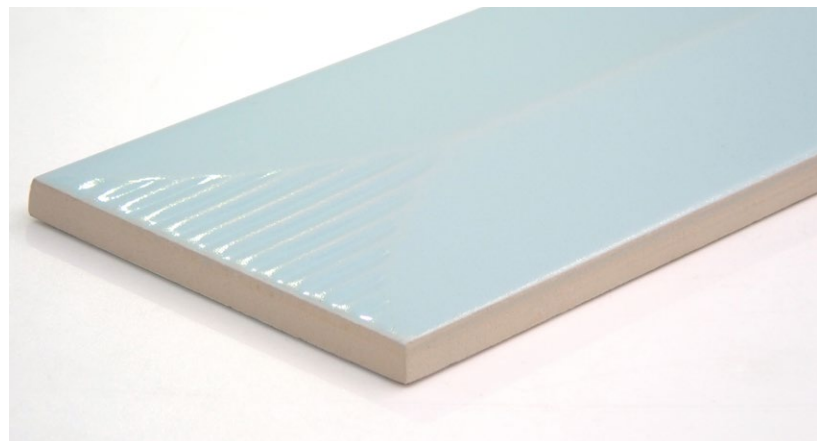
### MOUNTING SHOWER DOORS/HARDWARE TO GLASS TILES

Glass tiles breaking after being drilled for fixtures is a very common issue, even when the installer does everything correctly, due to a

number of factors such as: tension in the glass from drilling, over-tightening screws, not using rubber washers etc. Glass tiles are generally not recommended behind any type of grab bars, shower doors or any fixtures that need to be drilled into. Where tile is used in this type of application cracks may not be evident immediately during, or after install and may appear at a later time. If a glass tile is used in this type of application, rubber washers, soft joints, drilling into the joint, hand tightening screws, and water jetting holes whenever possible are recommended for optimal results.

### GENERAL INSTALLATION LIABILITY

Emser Tile will not be responsible for any materials damaged due to improper installation, installation defects or errors, misuse including negligence, and physical or chemical abuse to the surface of the tile. It is imperative that industry standards and guidelines for installations are followed. Refer to the TCNA Handbook, NTCA Handbook, ANSI, NSI and any other reputable industry sources for guidelines on proper installation as needed.



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# NOTEWORTHY INDUSTRY STANDARDS

ANSI (American National Standards Institute) is the governing body in the tile industry when it comes to both the manufacturing and installation of tile. TCNA (Tile Council of North America) publishes an installation handbook that identifies proper ANSI methods of installation depending on the substrate and the actual scope of work, as well as proper ASTM (American Society for Testing & Materials) methods for product testing. NTCA (national Tile Contractors Association) also publishes annual “How To” and Troubleshooting guides for its members. These guidelines are in place to make sure that manufacturing tolerances are taken into consideration during installation. It is important to understand these standards so that expectations can be set regarding the appearance of both the tiles received and the finished work.

An inherent characteristic of all fired products is that they may bow, wedge and warp to a certain degree causing them to potentially vary in size from batch to batch. These variations in size and color are due to changes in moisture and thermal loads that alter the tiles during production. Batches of tile are identified and separated into lots by specific shade and caliber. To find how out of square, or warped the limits of a tile are, tolerances by product type can be referenced in ANSI A137 manufacturing standards. For installation guidance, the TCNA Handbook or ANSI A108 should be observed.

ANSI A108 Installation Standards are written to accommodate the size variations between tiles. Large format tiles, those having an edge larger than 18”, are more prone to dimensional variations due to their size. If ANSI A108 recommendations for installation are not followed, then the inherent dimensional variation of a tile may be much more noticeable. These standards are written to help ensure successful installation. Lippage will be prominent and grout joints may not line up properly if they are disregarded. Alterations to recommendations should only be made if the actual size variance between tiles and jobsite conditions allows them. Any alterations should be accompanied by a mock up and approval by the installer and end user.

\*The standards listed below are current at the time this catalog was published. ANSI standards and ASTM test methods may be subject to various updates throughout the year.

## ANSI A108.02, SECTION 4.3.8 GROUT JOINT SIZE:

To accommodate the range in facial dimensions of the tile supplied for a specific project, the actual grout joint size may, of necessity, vary from the grout joint size specified. The actual grout joint size shall be at least three times the actual variation of facial dimensions

of the tile supplied. Example: for tile having a total variation of 1/16” in facial dimensions, a minimum of 3/16” grout joint shall be used. Nominal centerline of all joints shall be straight with due allowances for hand-molded or rustic tiles. In no circumstance shall the grout joint be less than 1/16”.

## ANSI A108.02, SECTION 4.3.8.1 RUNNING BOND/BRICK JOINT PATTERNS:

For running bond/brick joint patterns utilizing tiles (square or rectangular) with any side greater than 15”, the grout joint shall be, on average, a minimum of 1/8” wide for rectified tiles and, on average a minimum of 3/16” wide for calibrated (non-rectified) tiles. The grout joint width shall be increased over the minimum requirement by the amount of edge warpage on the longest edge of the actual tiles being installed. For example, for a rectified tile exhibiting 1/32” edge warpage on the longest edge, the minimum grout joint for a running bond/brick joint pattern will be 1/8” + 1/32” or 5/32”, on average. Of necessity, in any installation, some grout joints will be less and some more than the average minimum dimensions to accommodate the specific tiles being installed.

## ANSI A108.02, SECTION 4.3.8.2 RUNNING BOND/BRICK JOINT OFFSET:

For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18” (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage. ANSI A108.02 Section 4.3.7 Lippage guidelines, explanation, and caution: Lippage refers to differences in elevation between edges of adjacent tile modules. These differences or perception thereof are influenced by many factors such as:

1. The allowable thickness variation of the tile modules in accordance with manufacturing standards.
2. The allowable warpage of the tile or stone modules.
3. The spacing or separation of each tile module, which would influence a gradual or abrupt change in elevation.
4. Angle of natural or manufactured light accentuating otherwise acceptable variance in modules.
5. Highly reflective surfaces of tile or stone modules accentuating otherwise acceptable variance in the modules.
6. Variations in the subfloor

The following chart is a guideline for identifying acceptable lippage – this number must be added to the actual warpage of the tile:

TILE TYPE	TILE SIZE	JOINT WIDTH	ALLOWABLE LIPPAGE
Glazed Wall/Mosaics	1x1 to 6x6	1/16 to 1/8	1/32
Quarry	6x6 to 8x8	1/4 or greater	1/16
Paver	All	1/8 to 1/4	1/32
Paver	All	1/4 or greater	1/16





# BEST PRACTICES MANUFACTURING

## MANUFACTURING TOLERANCES

An inherent characteristic of all fired products is that they may bow, wedge and warp, to a certain degree, causing them to potentially vary in size from batch to batch. Even with regulatory controls in place, these variations in size and color may be inevitable and are due to changes in moisture and thermal loads that alter the product during manufacturing. Batches of tile are identified and separated into lots by specific shade and caliber. Multiple shades and calibers of a single item are accepted within a certain range. To find out what the acceptable out of square and warping tolerance limits are, product types can be referenced in ANSI A137 manufacturing standards. For installation guidance, the TCNA Handbook or ANSI A108 should be observed as they are written with manufacturing tolerances in mind.

## FACE PATTERN REPEAT

Although advancements in inkjet technology allow for an increased number of faces before a repeat, all boxes are packaged at random. A box of tile may not be comprised of all unique faces. You may have repeats in your final shipment depending on the square footages that were ordered. Specific face patterns cannot be sorted or requested prior to shipping.

## SHADE LOT VARIATION / TRIM COORDINATION

All tiles, whether manufactured or natural stone, are from a particular caliber and shade lot. It is not uncommon for the specific lot your order came from to no longer be available as early as a few weeks after making your original purchase. Block availability from a natural stone quarry and/or the shade and caliber lots of manmade tiles from a particular production run at a factory may be different with each order. On occasion, matching lots may be available. However, it is important to always order appropriate overages for cuts, pattern layouts, and future repairs to ensure a proper match. Trim pieces are intended to coordinate but also may not be made from a matching size and shade caliber. A lot check is recommended when specific requirements must be met. In some cases, special order options may be available.

## VARYING SIZE AND FINISH WITHIN A SERIES

Due to the inherent nature of all fired products, size calibers must be observed when ordering multiple tiles, from the same series, for a single application. Field tiles that are used together in a pattern, or ones that must line up with trim, need to be verified against actual dimensions, not nominal dimensions. When specific alignment or coordination of colors and finishes are required, specific lots

need to be checked by request to ensure compatibility between products, even if all components are assembled from a single series.

## COUNTRY OF ORIGIN AND QUALITY

All tiles are intended to be produced according to the guidelines set forth by ANSI and NSI manufacturing tolerances, regardless of the country of origin. Country of origin will not necessarily play a role in product performance or quality. The quality and performance of a product are observed in the technical characteristics and lab test results of a series.

## MARKINGS ON BACK OF TILE

Arrows and other markings on the back of a tile are not related to the installation or direction the tile should be installed in any way unless explicitly noted on the product packaging, marketing and/or manufacturer's instructions.

## METALS

Many modern mosaics and field tiles are made from actual aluminum, stainless steel, metallic foil backing, or metallic glazes. Often times these metals can be adversely affected by weathering, heat and moisture. It is always important to double check usage to ensure your product will not fail in your intended application. Scratching, oxidation, discoloration from heat and chemicals, appearance of finger prints and water spots are not considered a defect, but a natural reaction expected of metals exposed to certain conditions.

## CAST METAL TILES

Cast metal tiles contain real metal particles that are combined with polymers and cast into molds. Due to the presence of real metal in these tiles, they are not recommended for exterior applications that are exposed to the elements. Cast metal tile is suitable for interior and covered exterior walls only and is not recommended for floors. The use of a non-sanded grout is recommended as sanded grout may scratch and dull the finish. These tiles are not suitable for pools, or fountains, but may be used in showers and backsplashes as long as they are not exposed to any harsh chemicals or abrasive cleaning.

## GLASS TILE TYPES

There are various styles of glass on the market today. "Back painted" is a general term that describes the color application process to what typically starts out as a clear slab of glass tile



and has color applied to the back surface. If you hold the back painted tile sideways, you can see right through the lens. Not all back painted glass tiles are the same; there are subtle differences in manufacturing that define where these tiles can or cannot be used. It is imperative that the glass tile is installed over the proper substrate. To avoid adversely affecting the color of glass tile, white mortar is required for all installations. As most glass has translucent properties, it is important to ensure adequate coverage of mortar by lightly back buttering the tiles. Some types of back painted or back foiled glass are not suitable for exterior or wet applications as the coloring is not designed to hold up to these types of conditions. Glass tiles with a frosted finish will generally not do well when exposed to pool chemicals. For these reasons, usage may be color specific within a series.

### CRACKLED AND CRAZED CERAMIC FINISHES

Crackled and crazed finishes are considered a desired look, not a defect, in the glaze of certain tiles. The tiles may be used on wet area walls if properly sealed. They are not recommended for general use on floors and counters. Typically, products with these finishes will have potential size variations adding to the handmade and hand painted look. It is recommended that a grout release, or a sealer be applied to the crackled glaze prior to installation so the tile will not absorb any grout pigments, or installation related debris. After grouting, a penetrating sealer should be used to seal the surface of the tile. Abrasive cleaners should not be used with these types of products.

### VOC'S

Certification is not needed to satisfy LEED® specifications with hard flooring surfaces. The test methodology specified in CA Department of Public Health Standard - Section 01350 is the same one used for the following certifications:

SCS/RFI FloorScore

SCS Indoor Advantage, Indoor Advantage Gold

AQSI/GEI Greenguard, Greenguard -Children & Schools

CRI Green Label, Green Label Plus

Due to the manufacturing process of all of our fired floor tiles, the temperatures that these tiles are produced at inherently eliminate the presence of any off-gassing and results in no detectable emissions of Volatile Organic Compounds (VOCs). As such, Emser's floor tiles perform better than the requirements of the FloorScore certification. Hard surface flooring products can contribute to gaining 1 POINT for low-emitting materials in

LEED® V4 rating systems. The credit definition is: "Mineral-based finish flooring products such as tile, masonry, terrazzo, and cut stone without integral organic-based coatings and sealants and unfinished/untreated solid wood flooring qualify for credit without any IAQ testing requirements". For this reason, it is assumed that ceramic and porcelain floor tiles are negligible sources of VOCs and are available for credit without any testing requirements.

### TRANSPARENCY

Emser tile practices raw ingredient transparency which can be seen in HPD2.1 and SDS documents. Additional information can be found in our sustainability initiative on [www.emser.com](http://www.emser.com) as well as in this catalog.

### FLAME SPREAD CHARACTERISTICS

Flame spread is measured using ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials, compliant to CBC Chapter 8 Section 803. This test will measure flame spread, fuel contributed, and smoke developed. It is intended for all building materials including everything from counters, fabrics and wall surfaces to cementitious substrates. However, the test method and the building codes do not apply to tiled surfaces. The test itself does not list tile as a required specimen for submission. The time temperature curve this test is conducted at will max out at around 1200 degrees Fahrenheit. Quarry tile, ceramic and porcelain products pass this test as far as fuel and flame spread go. Although, under actual use circumstances, smoke may be caused on the surface of the tile due to a number of outside factors i.e. sealers, cleaners, grease, surface debris etc., which are not a direct cause of the tile itself, but rather due to inherent presence of foreign materials on the surface. Because ASTM E84 is conducted in levels below 1200 degrees and our tiles are manufactured at temperatures greater than 2000 degrees Fahrenheit, the combustion and melting points of our tiles substantially exceed the testing threshold. ASTM E84 is a comparative test where the performance of the test specimen is compared with that of fiber-cement board and select grade red oak flooring, which have been established as 0 and 100, respectively. Testing of floor tiles is not required or a recommended industry practice as they will produce a result of Class A-0 due to their composition.



# CARE & MAINTENANCE

## CLEANING GLAZED PORCELAIN & CERAMIC

Glazed porcelain and ceramic tiles are among the easiest flooring materials to clean. Due to their impenetrable glazes, their surfaces are resistant to water, dirt, chemicals, oil, debris, and even germs and bacteria.

### Always remember:

- Do not clean porcelain tile flooring with ammonia or with cleaners that contain bleach and/or acid. Acid and ammonia based cleaners may modify grout color and product stability.
- Use a cleaner that is pH neutral. This ensures cleaning will not harm your grout or surrounding surfaces.
- Do not use wax or oil-based cleaners.
- Use rugs at entrances to prevent dirt and grit from being tracked onto the tile flooring from outdoors. Tiles are scratch resistant but not scratch proof.
- Do not use steel wool or other abrasive pads to remove tough debris or stains. Steel wool scratch your tiles and loose steel particles may eventually create rust stains in the grout over time.
- Although glazed surfaces are impervious, the use of a grout release will aid in post installation clean up, especially if the glazed surface has a texture to it where mortar, grout and other construction debris can get trapped inside grooves during and after installation.

### Standard cleaning guidelines of glazed products:

- Sweep or vacuum loose dirt and dust from the floor prior to washing with water to prevent the tile from becoming muddy or leaving a residue after cleaning. On textured surfaces sweep in multiple directions to ensure the removal of all foreign material that might be residing in the textured surface. For wall surfaces tile can be gently wiped down with a clean, dry cloth or rag.
- Mop the floor with a mild detergent, degreaser, or tile cleaning solution. For textured floors, the use of a medium bristle brush is recommended. A sponge or clean cloth can be used to apply the cleaning agent to wall surfaces.
- Rinse the tile thoroughly with clean water to remove any left-over detergents.
- Drying with a clean cloth or rag is recommended to increase the shine and to prevent water spots or streaks.

## CLEANING UNGLAZED PORCELAIN & CERAMIC

Unglazed products are highly desirable due to their double loaded and through-body characteristics. Polished finishes are typically protected by nano and/or wax coatings and are resistant to water, chemicals, and scratching. Matte and textured finishes are generally unprotected and although the surface is impervious, it

may be more difficult to clean post install than a polished surface due to the inherent surface characteristics of these finishes on a micro pore level.

### Always remember:

- Do not clean porcelain tile flooring with ammonia or with cleaners that contain bleach and/or acid.
- Acid and ammonia based cleaners may modify grout color and product stability.
- Use a cleaner that is pH neutral. This ensures cleaning will not harm your grout or surrounding surfaces.
- Do not use wax or oil-based cleaners.
- Use rugs at entrances to prevent dirt and grit from being tracked onto the tile flooring from outdoors.
- Tiles are scratch resistant but not scratch proof.
- Do not use steel wool or other abrasive pads to remove tough debris or stains. Steel wool may scratch your tiles and loose steel particles may eventually create rust stains in the grout over time.
- Nano coatings should remain intact post install for added protection. However, if electing to remove nano coatings, a nano scrub or poultice type product may be used. Ask a sales associate for details.
- Although unglazed surfaces are impervious, the use of a grout release will aid in post install clean-up, especially if the unglazed surface has a matte or textured finish to it where construction debris can get trapped during grouting. Sealing may also be recommended post install to aid in day-to-day maintenance of these surfaces.
- It is suggested that a breathable penetrating sealer be applied to matte unglazed surfaces after grouting. This treatment provides an excellent defense against staining and may be desirable in high traffic areas. Follow the sealing manufacturer's guidelines for recommendations on how often a sealer should be reapplied.

### Standard cleaning guidelines of unglazed products:

- Sweep or vacuum loose dirt and dust from the floor prior to washing with water to prevent the tile from becoming muddy or leaving a residue after cleaning. On textured surfaces sweep in multiple directions to ensure the removal of all foreign material that might be residing in the textured surface. For wall surfaces tile can be gently wiped down with a clean, dry cloth or rag.
- Mop the floor with a mild detergent, degreaser or tile cleaning solution. For textured floors, the use of a medium bristle brush is recommended. A sponge or clean cloth can be used to apply the cleaning agent to wall surfaces.

- Rinse the tile thoroughly with clean water to remove any left-over detergents.
- Drying with a clean cloth or rag is recommended to increase the shine and to prevent water spots or streaks.

## CLEANING GLASS, METAL & DECORATIVE MOSAICS

Many of the metal tiles you see on the market today are made from solid metal, coated in metal glazes, or cast from polymers that are fused with real metal particles. Due to the presence of actual metal in most cases, careful attention must be paid when cleaning these unique surfaces. Glass is one of the easiest surfaces to clean. Due to its impervious nature, all stains will remain on the surface and can be wiped away with no effort. When cleaning glass and/or resin based blends the least abrasive method should always be used first as not to damage, discolor, or scratch the surface.

### Always remember:

- Stainless steel cleaners for appliances tend to work well on stainless steel tiles as they are typically made from similar grades of steel. However, it is important to note that not all metal tiles are made from stainless steel and as such a pH neutral cleaner or water with a mild soap solution can be used.
- It is not recommended that any abrasive cleaners or scouring pads be used to clean metal as it may scratch the surface and cause the tiles to oxidize.
- It is also important to keep the tiles dry and away from heat as much as possible.
- Be sure to follow grout manufacturer's instructions on cleaning and sealing grout properly.
- Grout cleaners containing bleach or ammonia may be harmful to the metal if not applied properly.
- Do not use any abrasive cleaners or scouring pads to clean glass as they may scratch the surface.
- There are many cleaning solutions on the market today suitable for cleaning glass tile. In most cases a standard glass or multi-surface cleaner applied with a cloth or paper towels will work well.

### Standard cleaning guidelines of glass, metal and decorative products:

- Wipe loose dirt or grease from the surface. An untreated paper towel or cloth is recommended.
- Wash the surface with a mild detergent, degreaser, or glass cleaning solution (do not use abrasive cleaners or abrasive applicators).
- Rinse the tile thoroughly with clean water if a detergent is used.
- Drying with a clean cloth or paper towel is recommended to increase the shine and to prevent water spots or streaks.

## CLEANING NATURAL & ENGINEERED STONE

Natural stone is a very durable surface when protected and maintained properly and is widely used in residential and commercial applications.

### Always remember:

- Sweep or vacuum your floors regularly.
- Protect your stone from sand and grit as floors may scratch from dirt and debris.
- Be careful with acidic foods and drinks (lemonade, orange juice, etc.) as they may etch certain stones.
- Never use any cleaners that contain ammonia, acids, or bleach.
- Never apply wax or acrylics to the surface as they may damage the stone.
- Tend to spills quickly. Sealers do not prevent 100% of damages caused by spills.
- Sealing all natural stone is highly recommended.
- It is suggested that a breathable penetrating sealer be applied before and after grouting. This treatment provides an excellent defense against staining and may be desirable in high-traffic areas. Follow the sealing manufacturer's guidelines for recommendations on how often a sealer should be reapplied.

### Standard cleaning guidelines for natural stone:

- Sweep or vacuum loose dirt and dust from the floor. For wall surfaces, tile can be gently wiped down with a clean, dry cloth or rag.
- Mop the floor with a mild detergent, degreaser, or tile cleaning solution. A sponge or clean cloth can be used to apply the cleaning agent to wall surfaces.
- Rinse the tile thoroughly with clean water to remove any left-over detergents.
- Drying with a clean cloth or rag is recommended to increase the shine and to prevent water spots or streaks.

## COMMERCIAL DEEP CLEANING

Commercial cleaning can present its own challenges due to the high traffic nature of most applications and exposure to foreign debris that a standard residential application may not be subject to. Commercial floors must be maintained properly to ensure the longevity of an application.

### Always remember:

In addition to following standard cleaning protocol for your product type, also consider the following:

- Floors need to be kept as dry as possible after cleaning to prevent slip accidents
- When mopping, the water should be changed frequently so you are not pushing around muddy water



# CARE & MAINTENANCE *(CONT.)*

- Scrubbing the floors too often with a buffer may cause irregular wear patterns
- Always be sure to protect furniture legs and stanchions with felt pads to protect the floors from scratching
- Chewing gum, grease and other debris difficult to remove may require use of a plastic putty knife
- Prior to removing graffiti and other difficult stains, test a small area to make sure the chemical agents will not damage the surface.
- For embedded stains, the use of a poultice mix may be required
- When electing to remove nano coatings, a nano scrub or poultice type product may be used

## **Standard deep cleaning guidelines:**

- Sweep or vacuum loose dirt and dust from the floor. For wall surfaces, tile can be gently wiped down with a clean, dry cloth or rag.
- Mix a high concentration cleaner, degreaser, or stripper as needed based on manufacturer's guidelines for periodic deep cleaning.
- Agitate with scrub brush or floor scrub machine.
- Mop up dirty solution. A wet/dry vac may be used in large areas.
- Rinse thoroughly with clean water, changing water every 500 sq. ft. or as needed.
- Drying with a clean cloth or rag as well as a final dry vac extraction is recommended to increase the shine, prevent water spots and streaks, and to prevent slip accidents in a commercial setting.

## **CLEANING GROUT**

There are many grouts on the market today that are stain resistant and do not require a sealer. However, not all grouts will have these characteristics and special care must be taken to ensure product performance is not compromised due to exposure to harsh cleaners.

### **Always remember:**

- Clean tile and stone regularly according to standard cleaning guidelines. Anything safe for the tile will typically be safe for your grout. PH neutral cleaners are highly recommended. Mopping dirty tiles will cause muddy water to get stuck in the grout joints, so keeping tiles cleaned regularly will improve the look of the grout.
- Be careful with acidic foods, drinks and dyes as they may stain certain types of grout.
- Never use cleaners that contain ammonia, acids, or bleach.

Some stains may be set so deep in the grout that bleach may be the only thing to get your grout clean. Bleaching causes the pores of the grout to open and hold dirt even more. As such, sealing after bleaching is highly recommended.

- Prolonged use of bleach and ammonia based products may cause the grout to become brittle over time and in wet applications may result in water damage due to cracking and deterioration.
- Sealing grout prevents staining. Sealers are not chemical proof and may break down from continued exposure to harsh household chemical cleaners.
- It is suggested that a breathable penetrating sealer be applied before and after grouting. This treatment provides an excellent defense against staining, mold and mildew. Follow the sealing manufacturer's guidelines for recommendations on how often a sealer should be reapplied.
- Tend to spills quickly. Sealers do not prevent 100% of damages caused by spills.
- A medium bristle brush can be used to scrub the grout joints

## **Standard cleaning guidelines for grout:**

- Sweep, brush, or vacuum loose dirt and dust from the surface. For wall surfaces, grout can be gently wiped down with a clean, dry cloth or rag.
- Mop, brush, or sponge the surface with a mild detergent, degreaser, or tile cleaning solution.
- Rinse the grout thoroughly with clean water to remove any left-over detergents.
- Drying with a clean cloth or rag is recommended to prevent water spots or streaks on the tile.
- Reseal grout periodically as needed.

## **Pre and post grout install tips:**

Using a grout release or sealer prior to installation is recommended especially for product that is porous or has a textured surface. Often times grout particles may become trapped and difficult to clean during the standard grouting process and the use of a rag or sponge may not pull up all the grout haze. Using a grout release and/or sealer will help prevent this from happening. Also important to note is that grout haze left on the surface of a tile will become difficult to remove and the chemicals needed to remove it at a later time may damage the tile or alter its looks. Heavy duty grout haze removers should be used according to the grout manufacturer's recommendations before trying more concentrated acid solutions.

# WARRANTIES INFORMATION

## ONE YEAR LIMITED WARRANTY AND LIMITATIONS ON LIABILITY

Emser Tile® offers a limited warranty on its products to the original purchaser, for one year from the date of purchase, to be free of manufacturing defects. Emser warrants only to its immediate customers and to no other person that its products will, on the date of ship, meet the foregoing terms of Emser's bid confirmation, order acknowledgement or sales order pursuant to which such products were sold. Tile and natural stone are subject to standard variances resulting from the manufacturing process or origin. Emser Tile® does not provide warranty on products that are within the industry standard variance levels.

## DEFECTS & CLAIMS

In the event of a defect within any product distributed to the customer by Emser Tile®, the customer agrees to notify Emser immediately upon becoming aware of such defect. If a defect in manufacturing or coloring is identified in advance of installation, the customer agrees to not install any defective product without the written agreement of Emser Tile®.

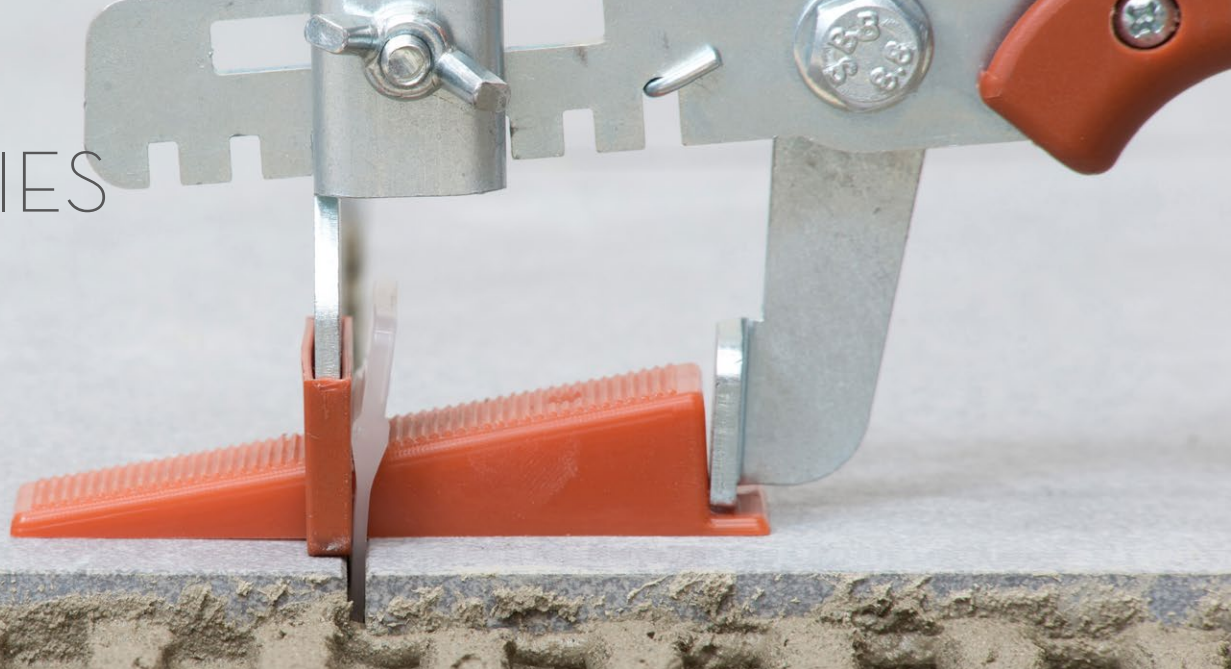
Emser Tile® reserves the right to inspect any and all defects prior to any repair, remediation or settlement of such defect. In the event that Emser Tile® is required to participate in the repair, remediation or settlement of any defect, Emser must be included in all discussions and decisions related to such repair, remediation and/or settlement. In the event that the customer fails to notify Emser on a timely basis, or fails to allow Emser the right of inspection, discussion or decision making in advance of repair, remediation or settlement of any defect, the customer agrees to release Emser Tile® from any liability for the defect or claim. Customer misuse including negligence, physical or chemical abuse is not covered by this warranty. Improper installation, installation defects or errors are not covered by this warranty. Warranty claims must be submitted in within 30 days upon discovery of the proposed defect.

## NATURAL STONES

Emser Tile®'s website and marketing literature may not represent the true geological nature of the stones commonly referred to in the industry as marble, granite, limestone, travertine, onyx, slate, sandstone, quartzite, etc. The true geological nature of any stone may be verified by conducting a test through an independent bona fide laboratory.



# TOOLS & SUPPLIES



## Prep

- Floor Prep and Leveling
- Moisture Mitigation
- Tile Backerboard
- Lath and Wire
- Crack Isolation & Sound Control
- Waterproofing Membranes

## Set

- Polymer Modified Large Format Tile & Stone and Thinset Mortars
- Rapid Setting Mortars
- Thick Bed Mortars
- Stone Veneer Installation Systems
- Outdoor Paver Solutions

## Grout

- Sanded and Non-Sanded Grout
- High Performance Grout
- Epoxy and Industrial Grade Epoxy Grout
- Ready To Use Grout
- Single Component High-Performance Grout
- Specialty Designer Series Grouts and Limited Edition Offerings

## Care

- Impregnating Sealers
- Cleaners & Resealers
- Problem Solvers
- Restoration and Colorants
- Anti-Slip Coatings

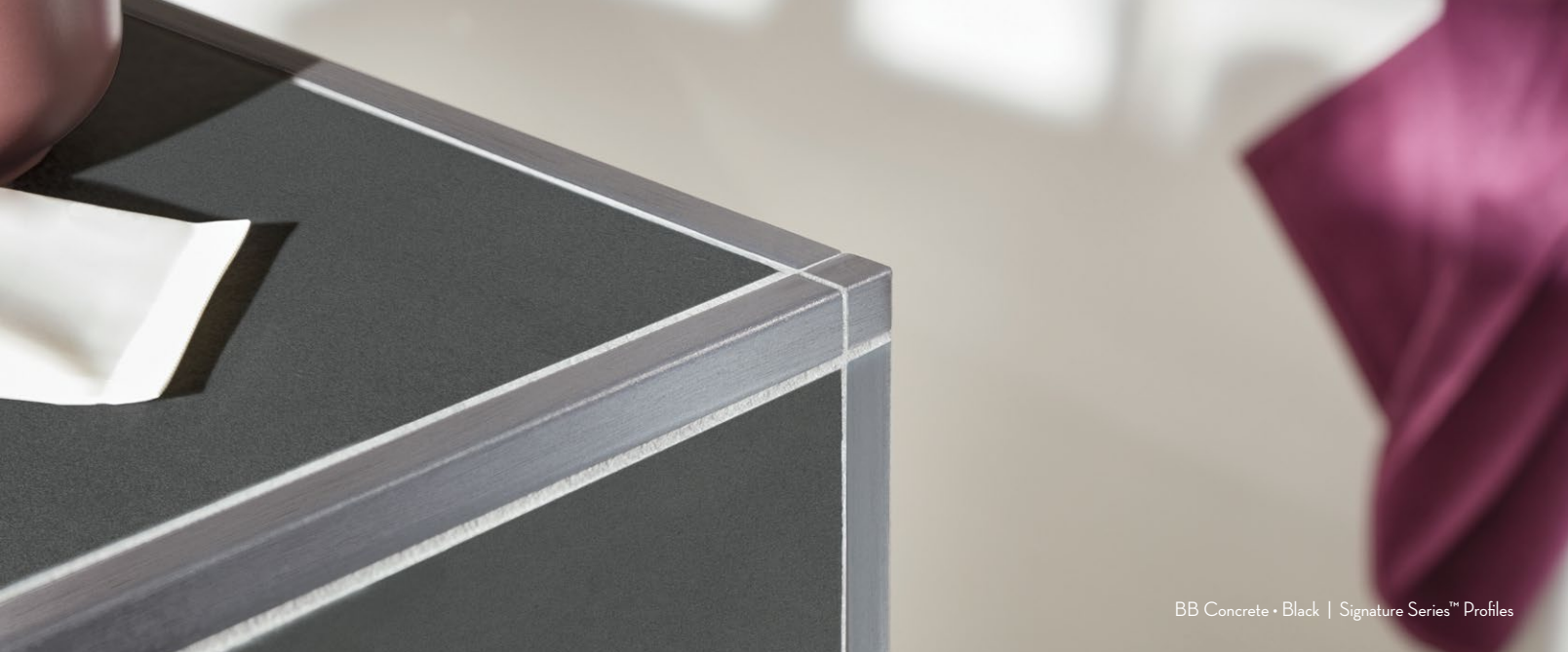
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- Lippage Prevention Systems for installing Large Format Tiles and achieving perfectly Flat Floors
- Shower System Solutions that save you time and labor
- Full line of tools to complete the job from demo work to installation
- Floor Heating Systems
- Metal and PVC Profile Solutions
- Floor Protection Products for all hard surfaces and carpet to prevent damage to newly installed work
- Full Line of PPE - Respirators, Protective Eye wear, Hearing Protection, Gloves, and more

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Emser Tile® offers trainings for our professional customers – in-person at our locations, virtually, and in conjunction with our Supplier Partners at their facilities. Talk to your local Emser Sales Representative about upcoming trainings in your market.

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BB Concrete • Black | Signature Series™ Profiles





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