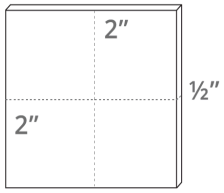
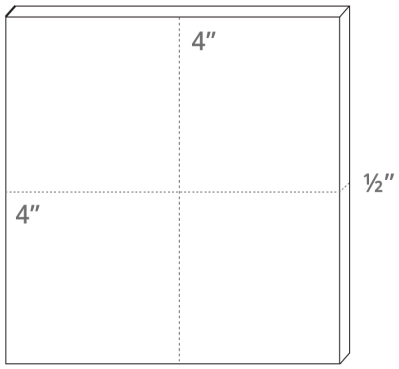
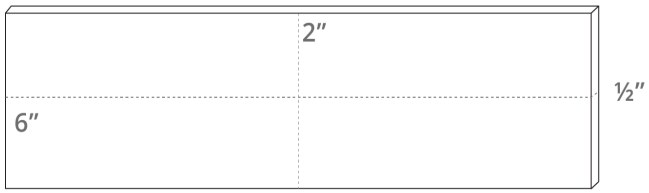
OUTERclé EASTERN EXPRESSION

USAGE	Y / N
freeze/thaw	N
slip resistant	N
UV resistant	Y
heat resistant	Y
radiant heating	Y
exterior wall	Y*
exterior floor	N
light residential traffic	N
heavy residential traffic	N
light commercial traffic	N
heavy commercial traffic	N
Industrial traffic	N
fountain	N
fountain waterlines	N
pool	N
pool waterlines	N
pool coping	N
shower floors	N
shower walls	Y*
stove backsplash	Y*
sink backsplash	Y*
fire pit surround	Y
pizza oven surround	Y
grout joint size	1/16"







Standard thickness for Eastern Expression is ½".
Please note all dimensions are nominal and can vary +/- ⅛".
* There are specific installation requirements for this usage. Please review the "Installation Areas" section below and discuss with your installer.

EASTERN EXPRESSION

What's in our tile: Eastern Expression is a testament to the mysterious alchemy of earth, glaze, and fire. With a palette that ranges from sweet blush to dark midnight, eastern expression brings new personality—and possibilities—to the outdoors.

Eastern Expression tiles are handmade and gas-fired, giving them a natural variation in color, hue, texture, and size from batch-to-batch and even tile-to-tile. This means that your sample may not be a perfect match with your actual order, and that your add-on order may not be a perfect match to either. **This is the beauty of artisanal tile!**

INSPECTING YOUR SHIPMENT

- **WHAT TO EXPECT** – Eastern Expression features the variation in glaze, texture, color, and shade you would expect in such traditionally-made tiles. ALSO - dust and shipping residue should be expected and cleaned before installing.
- **BLEND BLEND BLEND** – The natural materials and production process of Eastern Expression tiles give rise to variation in color, shade, texture and size. It is important to blend tiles from all boxes and place them in their installation area to ensure you have the layout you want before installing.
- **ORDER EXTRA!** - Industry standard suggests adding at least 20% overage due to tile cuts, potential shipping breakage, or future repairs. However, if the natural variation in shade and color of our eastern expression tiles does not fit your project's needs, we recommend ordering 20-30% overage. This will allow your contractor to cherry-pick the tiles most desirable for your project.
- **SHIPMENTS ARE SUBJECT TO WEATHER** – Tiles may be exposed to moisture and/or condensation during production or shipping which may affect the color of the tiles once received. To return the color to normal, set the tiles out to dry prior to installation. Do not install tiles until fully dried.

INSTALLATION FYIs

- **GENERAL GUIDELINES, NOT INSTRUCTIONS** - OUTERclé offers general information about our tiles and their unique qualities and usages. Proper installation will only be attained if you select a seasoned installer with years of experience with artisan tiles. Any installer without artisan tile experience will not know how to install OUTERclé tiles and will likely result in failed installations.
- **EXTERIOR INSTALLATIONS HAVE UNIQUE CHALLENGES** - Exterior installations are subject to environmental factors. It is critical that your substrate, mortar, tile, grout, and sealant work together as a system to help your installation withstand the elements. Expansion joints are crucial to the success of any installation, especially exterior ones. Consult your project architect, structural engineer, manufacturer of installation materials, and installer for best results.

- Due to the environmental factors tiles face in outdoor installations, do not expect your tiles to look the same on day two as they did on day one.

- **INSTALLATION DEEMS ACCEPTANCE OF YOUR ORDER** - If you are not 100% sure of your tiles- DO NOT INSTALL THEM. As is standard in the tile industry and with all construction materials, installation deems acceptance of materials. Do not install if there are visible issues. If you are unsure of what qualifies as a visible issue for the tile you are installing, reach out to us PRIOR to installation. Our tiles are subject to variations in color, texture, size, and finish. Contractor or end-user misuse including, but not limited to, negligence, physical and/or chemical abuse, as well as order shortages ARE NOT an OUTERclé responsibility and not covered by OUTERclé's warranty.

- **TILE IS A MATERIAL. INSTALLATION ERRORS ARE NOT THE FAULT OF THE MATERIAL** – Tile is a material. It is merely the surface of your construction. Installation issues will arise from inexperienced artisan tile installers, substrate or construction engineering and/or installation issues. Refer to your project architect, structural engineer and/or installer for best results.

- **CONFIRM YOUR LANDSCAPE INSTALLER'S LEVEL OF ARTISAN TILE EXPERIENCE** - Your installation will only be as good as your installer. This is particularly true for outdoor installations. Ensure your installer's experience not only with artisanal tile and outdoor installations, but also in the type of installation specific to your project.

- **REQUIRE YOUR INSTALLER PERFORM A "DRY RUN" BEFORE BEGINNING YOUR INSTALLATION** – Before installing, lay out and blend tiles from ALL BOXES so that tiles that bear variation in color, and chips and pits are placed as you would like. We select our tiles for their hand-hewn qualities and inherent surface and color variations, including pits, cracks, and chips. Placement of these nuances within your installation must be guided by you and/or your design professional to realize the best possible blend of your shipment of our limited- availability tiles. Your installation is only as good as your DRY RUN.

- **DO NOT USE TAPE, BLUE TAPE, OR OTHER TAPE** - Do not use blue tape or other construction tape during product installation. Tape may erode or damage our products.

- **WAIT UNTIL YOUR PROJECT IS COMPLETE BEFORE INSTALLING YOUR TILES** - Install the tiles as late as possible in the project to minimize the risk of damaging the tile.

- **REQUIRE MOCK-UP BOARDS** – To ensure your tiles will be organized properly and your grout joint size and color, as well as your sealant, are done to your design professional's specifications- we urge you to require your installer create mock-up boards prior to your installation. A STANDARD PRACTICE for seasoned installers, it lets the end-user and their design professional test tile layouts in mock-up form and allows for the mock-up boards to be examined in the space and lighting in which the tiles will be used. Before beginning the mock-up boards, make sure to FIRST do your above-recommended DRY RUN and lay out and blend your tiles as described in that section.

- **"FINAL FINISH" – WHAT IT IS AND WHY MAY YOUR PROJECT REQUIRES THIS?** - If you plan to install your tile prior to installing cabinets, fixtures, etc., you'll need to refinish the tile after those other features are installed in a step we call the "final finish." In this step, your contractor should replace any broken or chipped tiles caused by construction damage, scuffing, or any deterioration of the tile surface. They should also hire a professional refinisher for the final refinishing of your tile installation. (*NOTE – Another benefit is that shipping refinishing can lessen common shipping imperfections.). Make sure to account for this final step in your project timeline and budget.
- **TCNA and ANSI** - Refer to the current edition of the TCNA Handbook for best installation results.

INSTALLATION AREAS

- **Freeze/Thaw Rating**
  - Eastern Expression tiles are not freeze/thaw rated.
- **Slip Resistance**
  - Eastern Expression tiles are not slip resistant.
- **UV Resistance**
  - Eastern Expression tiles are UV resistant.
- **Walls**
  - Eastern Expression tiles can be installed on exterior walls.
  - In cold-weather areas there must be flashing or roofing overhead and the tiles must be sealed with a water-repellent sealer (Miracle 511 Porous Plus, for example).
- **Floors**
  - Eastern Expression tiles are not suitable for use on exterior floors
  - Eastern Expression tiles are radiant heating compatible.
- **Pools & Fountains**
  - Not suitable for installations in pools, fountains, on waterlines, or as pool coping
- **Showers**
  - Suitable for use on shower walls with the application of a penetrating water-repellent sealer.
- **Fire Pits & Ovens**
  - Eastern Expression tiles are heat resistant and can be used on fire pit and pizza oven surrounds.
- **Backsplashes**
  - Eastern Expression tiles can be used as a stove backsplash. Please consult with your installer to see if a range splash is required for your installation.
  - Eastern Expression tiles can be installed on sink backsplashes with the application of a penetrating sealer.

MORTAR & GROUT

- OUTERclé recommends a 1/16" grout joint with this collection.
- Eastern Expression tiles feature crazing and other surface imperfections. to help prevent staining during the grouting process, we recommend applying a sealer or grout release before grouting.
- OUTERclé recommends using mortar and unsanded cementitious grout that comply with the ANSI A118 and/or ISO 13007 classifications suitable for your project. Please consult with your installation professional to make these determinations.
- Grout color selection is always up to our client and/or their design professional. However, OUTERclé is often asked for our opinion on best grout selections for our tiles. And due to the large array of grout colors that are now available, OUTERclé would like to offer this general guideline on a grout color selection for any of your OUTERclé tiles.
    - First, have your contractor complete your tile installation, except for the grout portion.
    - Next, ask your contractor to bring ALL grout color charts from his preferred grout manufacturer for your review.
    - Lastly, choose a time of day when you are most pleased with the lighting in your space (either natural lighting, installed lighting or a blend of both). During that lighting and time of day, select the grout color that best matches your tile selection.
- If you are working with highly color-variegated tiles or a combination of tiles, we recommend that you follow the above recommendations—but match your grout to the color in your installation that you would like to accentuate.
- We do not generally recommend using grout of a contrasting color, as it will highlight the cracks/crazing found on the tiles, and fill in any pits, and/or chips. if you choose to use a contrasting grout, make sure to apply a grout release or sealer as a pre-grout treatment to minimize the possibility of the contrasting grout curing in the cracks, pits, and/or chips.
- If your contractor is having any issues or questions regarding mortar or grout, please reach out to the manufacturer. They are the best and fastest line of contact.

SEALING, MAINTENANCE, AND CARE

- Please follow Laticrete's Sealing, Maintenance, and Care Guide for more guidance on cleaning, maintaining, and caring for your tile installation.
- **If you have any questions regarding Laticrete products or how to use them, please contact Laticrete directly by phone: 1-800-243-4788 X 1235.**

ADDITIONAL SPECIFICATIONS

FREEZE/THAW RESISTANCE (ASTM C1026)

Eastern Expression tiles are freeze/thaw resistant.

Freeze/Thaw resistance is a valuable tool for choosing tiles suitable to environments where freezing and thawing may occur.

WATER ABSORPTION (ASTM C373)

Avg. 12.9%; non-vitreous.

A lower number generally means a tile is better suited for outdoor installations. This score should be used together with other information when deciding if a tile is suitable for a particular area, wet or not.

Please note that application of a sealant may decrease a tile's water absorption.

SOLAR REFLECTANCE INDEX (ASTM E1980)

Solar Reflectance Index: 13.38*

* Testing was performed on the lilypond colorway, a darker tile. Lighter colors absorb and retain 5-20% less heat than standard gray concrete. Mid-range colors perform comparably to gray concrete, while darker colors frequently test 10-25% hotter.

This test indicates how hot a tile is likely to become when solar radiation is present on the surface. The higher the score, the greater the tile's capacity to reflect and release heat from the sun.

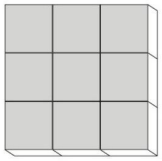
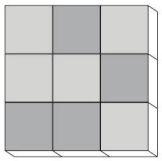
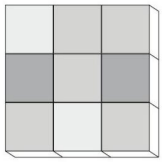
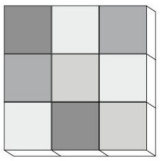
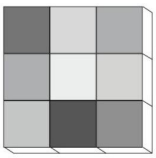
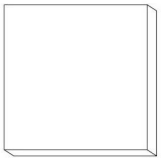
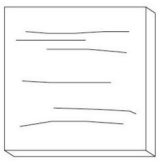
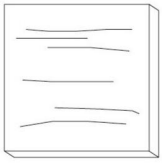
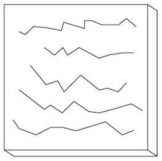
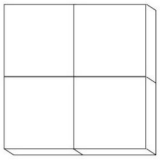
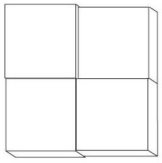
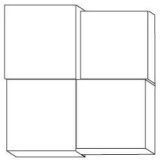
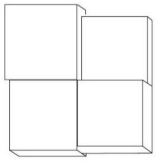
LEED Credit for Heat Island Reduction requires the use of outdoor pavers achieving an SRI score of at least 29 for the overall project.

ACID RESISTANCE

Eastern Expression tiles are not resistant to acids and only mild, pH neutral cleaners should be used.

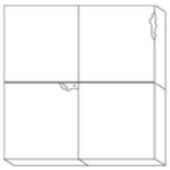
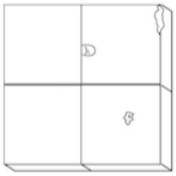
COLOR, TEXTURE AND SIZE VARIATION

Color variation: level 3 - medium (papyrus) to level 5 - extreme
Texture variation: level 4 - heavy
Size variation: level 2 - medium

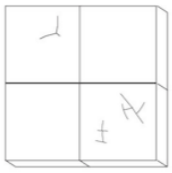
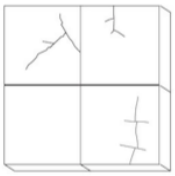
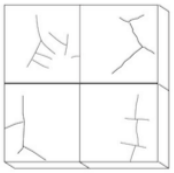
CATEGORY	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
COLOR VARIATION	 low	 slight	 medium	 heavy	 extreme
TEXTURE VARIATION	 smooth	 slight	 medium	 heavy	n/a
SIZE VARIATION	 slight	 medium	 heavy	 extreme	n/a

IMPERFECTIONS

Chips: level 3 - heavy

CATEGORY	LEVEL 1	LEVEL 2	LEVEL 3
PITS / CHIPS	 will occur	 prevalent	heavy

Crazing: level 3 - heavy

CATEGORY	LEVEL 1	LEVEL 2	LEVEL 3
CRACKS / CRAZING	 will occur	 prevalent	 heavy

PRODUCT FINISH

The finish on your Eastern Expression tiles will range from eggshell to gloss.

MATTE	EGGSHELL	SATIN	SEMI-GLOSS	GLOSS
non-reflective, subtle texture	soft sheen, subtle texture	luminous, smooth texture	moderate reflectiveness	reflective, high sheen

PRODUCT DESCRIPTION

Handmade, glazed terracotta tiles

PRODUCT COMPONENTS

Clay, glaze, pigments

PITTING, CRACKING & CHIPPED EDGES

Note that due to the firing methods and raw materials used to create glazed clay tiles, your order of Eastern Expression will have a percentage of tiles greater than 15% with cracks, iron spots, crazing, edge-chipping and pits through the glaze to the clay body.

If these imperfections do not fit your project's needs we recommend ordering 20-30%. This allows your contractor to cherry-pick these imperfections from your order.

DIMENSIONS

SHAPE	PIECE DIMENSIONS	WEIGHT	SHEET DIMENSIONS	PIECES PER SHEET
BAGUETTE	5 cm x 15 cm x 1.27 cm (2″ x 6″ x ½″)	0.18 kg per tile (0.40 lbs)		
PETITE	10 cm x 10 cm x 1.27 cm (4" x 4″ x ½″)	0.24 kg per tile (0.53 lbs)		
PIXIES	5 cm x 5 cm x 1.27 cm (2″ x 2″ x ½″)	1.14 kg per sheet (2.52 lbs)	30.5 cm x 30.5 cm per sheet (12″ x 12″)	396

* Please note all dimensions are nominal and can vary +/- ⅛″.

LEED CREDITS

The product is an inherently non-emitting source of VOCs (stone, ceramic, metals, powder-coated metals, plated or anodized metal, glass, cement, clay brick, and unfinished or untreated solid wood) and has no integral organic-based surface coatings, binders, or sealants.

Eastern Expression tiles are considered ‘inherently non-emitting sources’ under the Low-emitting Materials Credit of LEEDv4/v4.1. This is currently the only credit for Eastern Expression that is eligible to be used toward LEED.

‘Inherently non-emitting’ means that these tile types have been shown to not contribute emissions to indoor environments and are therefore exempt from demonstrating compliance with CDPH v1.1-2010 or CDPH v1.2-2017.

Use of these tiles as Wall or Flooring materials should be entered in the LEED v4.1 low-emitting materials Calculator and identified as ‘inherently non-emitting’ in the Products Tab (Column L).

Disclosures for MR Credit Material Ingredient Disclosures under LEEDv4/v4.1, are not available at this time. We are exploring our disclosure options and have not established a timeline for completion.

Disclosures for MR Credit Environmental Product Declarations under LEEDv4/4.1, are not available at this time. We are exploring our disclosure options and have not established a timeline for completion.

Contribution to MR Credit Material Sourcing under LEEDv4/v4.1, does not apply as there is no recycled content, no bio-based materials, no wood, no reused products included in our tile at this time. Extended producer responsibility programs are highly difficult to manage given the nature of end-of-use tile removal methods. *Tile can last hundreds of years but fashions often change, which is the dominant reason for its removal. We work hard to ensure our stone tiles can withstand the test of time while remaining timeless.*

RECYCLED CONTENT

There is currently no recycled content in our Eastern Expression tiles. See material sourcing disclosure above.

PERCENTAGE OF PRE-CONSUMER AND/OR POST-CONSUMER MATERIALS

There is currently no pre-consumer or post-consumer material content in our Eastern Expression tiles. See Material Sourcing disclosure above.

FIRE RATING

Typically, ceramic tile does not need to have fire rating testing performed. It is our understanding from TCNA that the explanation that ceramic is inorganic, inert, and typically free of materials that could burn or produce smoke is generally enough to satisfy a specifier and that testing is not necessary. Also, the temperatures observed in the testing are typically lower than the temperatures at which ceramic tiles are fired.

Eastern Expression is a ceramic tile and falls under the description, “because ceramic tile is non-flammable and does not produce smoke in a fire, it inherently meets the flame spread and smoke development requirements of Section 803 of the International Building Code (IBC) for interior wall and ceiling materials.”