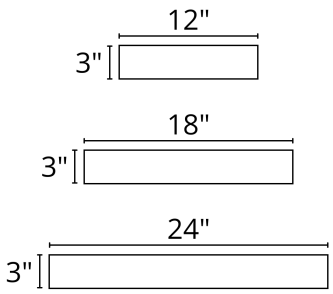
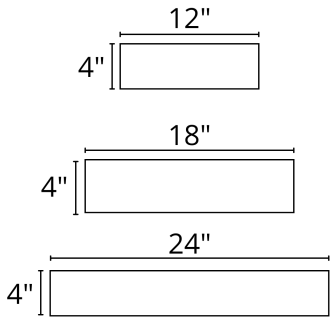
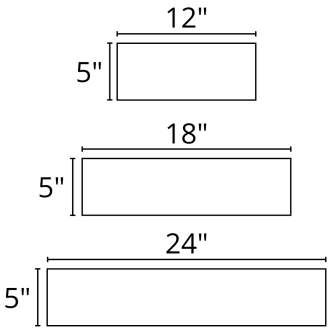
strata linea



3 inch bundle



4 inch bundle



5 inch bundle

standard thickness for strata is ¾". graphics are not to scale
please note all dimensions are nominal. please note that dimensions can vary +/- ⅛ inch".

USAGE		walls		floors						traffic rating			
	grout joint	interior	exterior	interior	exterior	entryway	mudroom	bathroom	kitchen	light res.	heavy res.	light comm.	heavy comm.
	1/16"	Y	Y*	Y	Y*	Y	Y	Y	Y	Y	Y	Y	Y

USAGE	shower		steam shower						resistant		fireplace		
	floors	walls	floors	walls	fountain	pool	waterline	freeze thaw	UV	heat	surround + hearth	backsplash	radiant heating
	Y	Y	N	N	N	N	N	N	Y	Y*	Y	Y*	Y

* there are specific installation requirements for this usage.
please review the "installation areas" and "sealing, maintenance, & care" sections below and discuss with your installer.

strata linea

you've got something special. strata linea is the brainchild of rula yaghmour, a female jordanian architect who has taken a simple idea—repurposing stone left over from construction projects—called kutleh (the arabic word for block). while kutleh's projects center around bonding layers of stone into a mass block, clé partnered with yaghmour on creating strata linea, a tile line of different sized planks that feature the rich variety of leftover, highly sought after stone.

clé's strata linea collection, a new way of blending and layering stones, lets them reveal their beautiful individual colors and remarkable fossils that emerge after forming within the earth for millions of years. these geologic processes create stone in shades from pale white and cream to red, brown, green, grey and gold.

strata linea planks are made of leftover stone from the production of architectural cladding tiles. off-cut and surplus material is recycled and reshaped, then gathered into lots rich with color. we've chosen ten types of stone for an array of complementary shades and unique natural patterns.

expect variation. strata linea, composed of natural stone, will exhibit degrees of variation in color and shade. there will be variation across batches. therefore, your sample may not be a perfect match with your actual order, and your add-on order may not be a perfect match to either. **this is the beauty of nature!**

INSPECTING YOUR SHIPMENT

- **WHAT TO EXPECT** - the strata linea collection will exhibit a polished surface and color variations due to the striations and diverse range of tones found in each stone. strata linea is sold in bundles in three different plank widths: 3", 4", or 5", with each bundle including a set number of tiles in 12", 18", and 24" lengths. each bundle features an assortment of ten stone varieties: travertine, ajloun, jerusalem, sahrawi, ma'an, karak, beirzeit, daba'a, carrara, and crema. although many of these stones fall in the beige range, **the composition of each bundle is randomized and we cannot guarantee any specific stone type or color**. some pieces may come with mesh backing for added reinforcement. ALSO – dust and shipping residue are to be expected and should be cleaned before installing.
- **BLEND BLEND BLEND** - due strata linea's natural materials and production process, there will be degrees of variation in color, shade, and size in your order. it is crucial 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 15% overage due to tile cuts, shipping breakage, or future repairs. strata linea's recycled and repurposed natural stone may feature a wider variation in color, shade, and veining, as well as natural pores or pits. if these features do not fit your project's needs, we suggest ordering 25-35% overage particularly when ordering larger tiles as blending these can be more challenging. enough overage lets your contractor 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. setting the tiles out to dry prior to installation will return the color to normal. do not install tiles until fully dried.

INSTALLATION FYIs

- **GENERAL GUIDELINES, NOT INSTRUCTIONS** - clé offers general information about our tiles and their unique qualities and usages. proper installation will only be attained if you have selected a seasoned installer with years of experience with artisan tiles. an installer without artisan tile experience will not know how to install clé tiles and will likely result in failed installations.
- strata linea may contain naturally occurring iron deposits that can cause rust spots if exposed to excessive moisture.
- **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, 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 your tiles, reach out to us BEFORE installation. our tiles are subject to variation in color, texture, size, and finish. misuse by contractor or end-user including but not limited to negligence, physical and/or chemical abuse, as well as order shortages ARE NOT a clé responsibility and therefore, not covered by clé's warranty.
- **TILE IS A MATERIAL. INSTALLATION ERRORS ARE NOT THE FAULT OF THE MATERIAL** – clé tile is a material. tile is merely the surface of your construction. installation problems will arise from inexperienced artisan tile installers, substrate, or construction engineering and/or installation issues. please refer to your project architect, structural engineer and/or installer for best results.
- **PLEASE CONFIRM YOUR INSTALLER'S LEVEL OF ARTISAN TILE EXPERIENCE** - your installation will only be as good as your installer. please visit our blog for tips on how to choose an installer (https://www.cletile.com/blogs/cle-notes/how-to-choose-contractor-installer).
- **REQUIRE YOUR INSTALLER PERFORM A "DRY RUN" BEFORE BEGINNING YOUR INSTALLATION** – lay out and blend tiles from ALL BOXES so that variation in color, and surface texture are placed as you would like. clé selects our tiles for their hand-hewn character and inherent surface and color variations, including pits, cracks, and chips. you and your design professional should guide the placing of these nuances within your installation to realize the best 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 are organized properly, 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 design professional test tile layouts in mock-up form and allows 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 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, ANSI, AND ASTM - refer to the tcna handbook's latest edition for best installation results, and to the natural stone institute's dimension stone design manual for stone-specific guidance. for specifications, reference the astm standard that applies to your stone type (e.g., astm c503 for marble, astm c1527 for travertine, astm c568 for limestone).

INSTALLATION AREAS

- **walls**
  - suitable for interior and exterior walls
  - for exterior installations in cold-weather areas, there must be a flashing or roofing overhead and the tiles must be sealed with a water-repellent sealer.
- **floors**
  - suitable for interior and exterior floors, including heavy commercial traffic areas.
  - radiant heating compatible
  - for exterior floor installations, clé recommends applying an anti-slip sealer or treatment.
  - in cold-weather areas, they must be installed above-grade on covered decks or verandas and sealed with a water-repellent sealer.
- **showers**
  - can be installed in showers with the application of a waterproofing, penetrating sealant.
  - not suitable for steam showers or saunas (wet or dry).
- **pools, fountains & waterlines**
  - not suitable for installations in pools, fountains or waterlines
- **freeze/thaw rating**
  - not freeze/thaw rated
- **uv resistance**
  - strata linea tiles are uv resistant
- **fireplace surround and hearth**
  - suitable for installation in these areas
  - heat resistant
- **backsplashes**
  - suitable for stove backsplashes. please consult with your installer to see if a range splash is required for your installation.
  - suitable for sink backsplashes with the application of a penetrating, water-repellent sealer.

GROUT

- clé recommends a 1/16" grout joint with this collection.
- we recommend you apply grout release or sealant prior to grouting to minimize risk of grout haze, reduce the chance of grout filling the natural pits and chips found in some stones, and allow for easy clean up.
- clé recommends using mortar and unsanded cementitious grout that comply with the ANSI A118 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, clé is often asked for our opinion on best grout selections for our tiles. due to the array of grout colors that are now available, clé would like to offer this general guideline on a grout color selection for any of your clé 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 patterned tiles, 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 pattern that you would like to accentuate.
- if your contractor is having any issues or questions regarding grout, please reach out to the grout manufacturer directly. they are the best and fastest line of contact.

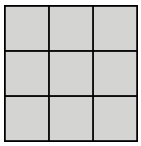
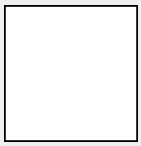
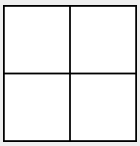
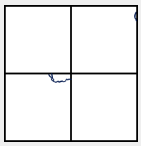
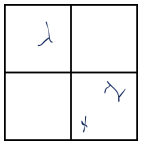
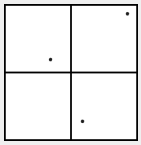
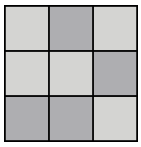
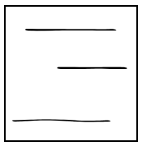
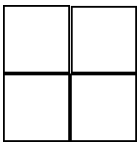
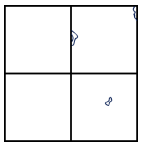
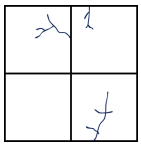
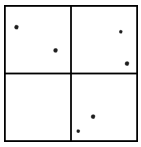
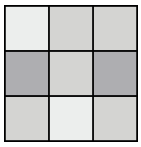
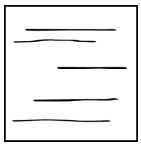
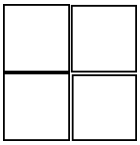
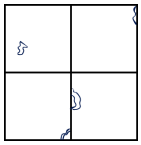
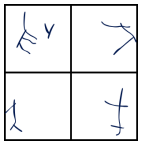
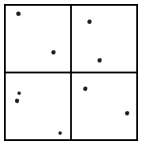
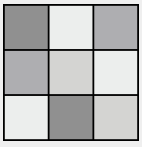
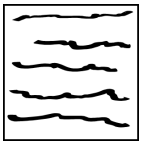
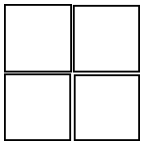
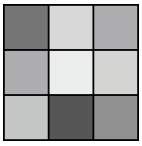
SEALING, MAINTENANCE AND CARE

- strata linea tiles are **very** sensitive to acids. please do not attempt to clean them with vinegar, lemon juice or any common household cleaners other than a gentle pH neutral cleaner.
- shower installations
    - please note that all strata linea tiles are subject to rust spots and water staining if exposed to excessive moisture.
    - to reduce the occurrence of rust spots and other water-related stains, we suggest the following maintenance plan:
        - dry off the surface after each use. we suggest using a squeegee.
        - frequent cleaning with laticrete revitalizer cleaner & protector. note: this product is mild enough that it can be used as frequently as daily.
        - spot cleaning any stains with laticrete soap scum remover or laticrete mold & mildew stain remover.
- 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

VARIATION & IMPERFECTIONS

the following is a guide for the different degrees of variation that we have assigned our tiles:

COLOR VARIATION	TEXTURE VARIATION	SIZE VARIATION	PITS / CHIPS	CRACKS / CRAZING	IRON SPOTS
HEAVY	**SMOOTH**	**SLIGHT**	**WILL OCCUR**	**N/A**	**WILL OCCUR**
 low	 smooth	 slight	 will occur	 will occur	 will occur
 slight	 slight	 medium	 prevalent	 prevalent	 prevalent
 medium	 medium	 heavy	 heavy	 heavy	 heavy
 heavy	 heavy	 extreme	n/a	n/a	n/a
 extreme	n/a	n/a	n/a	n/a	n/a

FLOOR RATING

strata linea is rated iv (can be used for light residential to heavy commercial foot traffic). to help maximize your floor’s beauty and longevity, aside from not exposing tiles to traffic beyond its capacity, floors should be kept clean of abrasive debris and stains should be cleaned as quickly as possible.

I **light residential**

for residential areas with light foot traffic. for example: bathroom, bedroom, formal dining and living
please note the following:
not suitable for shoes with hard sole profiles (cleats, stilettos, etc.)

II **heavy residential**

for residential areas with continuous foot traffic. for example: entry, hallway, kitchen, foyer, laundry, and mud rooms.

III **light commercial**

for commercial areas with light foot traffic. for example: commercial offices, doctor’s offices, and boutiques

IV **heavy commercial**

for commercial areas with continuous foot traffic. for example: hotel lobby, retail, corridors in an office building, shopping malls and restaurants.

V **industrial**

standard industrial floor use with no extreme, heavy breakage or spillage. for example: restaurant kitchens, bar work areas, winery production, exterior hotel entry, airport, car showroom, driveway.

PRODUCT DESCRIPTION

strata linea tiles are recycled and repurposed natural stone from the surplus produced from cladding tiles used in everyday construction projects.

PRODUCT COMPONENTS

recycled natural stone—each strata linea bundle is a mix and features ten types of stone: travertine, ajloun, jerusalem, sahrawi, ma'an, karak, beirzeit, daba'a, carrara and crema.

DIMENSIONS

strata linea is sold as bundles in three different plank widths: 3", 4", or 5", with each bundle including a set number of tiles in 12", 18", and 24" lengths. each bundle features a mix of ten types of stone: travertine, ajloun, jerusalem, sahrawi, ma'an, karak, beirzeit, daba'a, carrara and crema.

	PIECE DIMENSIONS	WEIGHT
3” BUNDLE	7.6 cm x 30.5 cm x 1.9 cm (3"x 12"x ¾")	1.25 kg per tile (2.76 lbs)
	7.6 cm x 46 cm x 1.9 cm (3"x 18"x ¾")	1.88 kg per tile (4.14 lbs)
	7.6 cm x 61 cm x 1.9 cm (3"x 24"x ¾")	2.50 kg per tile (5.51 lbs)
4” BUNDLE	10.2 cm x 30.5 cm x 1.9 cm (4"x 12"x ¾")	1.65 kg per tile (3.64 lbs)
	10.2 cm x 46 cm x 1.9 cm (4"x 18"x ¾")	2.49 kg per tile (5.49 lbs)
	10.2 cm x 61 cm x 1.9 cm (4"x 24"x ¾")	3.30 kg per tile (7.28 lbs)
5” BUNDLE	12.7 cm x 30.5 cm x 1.9 cm (5"x 12"x ¾")	2.06 kg per tile (4.54 lbs)
	12.7 cm x 46 cm x 1.9 cm (5"x 18"x ¾")	3.15 kg per tile (6.94 lbs)
	12.7 cm x 61 cm x 1.9 cm (5"x 24"x ¾")	4.12 kg per tile (9.08 lbs)

* please note all dimensions are nominal and can vary +/- ⅛”.

AVERAGE COEFFICIENT OF FRICTION (DCOF ACUTEST)

Wet DCOF
0.53 (interior, wet floors)

*application of an anti-slip sealer or treatment can help increase slip resistance.

*DCOF is only one factor and should be considered together with levelness of surface to be tiled, type of use, expected traffic, contaminants, maintenance, and wear when choosing a tile for your project

per ANSI A326.3 standards:
interior floors meant to be walked on *when dry* should have a *dry* DCOF of at least 0.42,
interior floors intended to be walked on *when wet* should have a *wet* DCOF of at least 0.42,
exterior floors intended to be walked on *when wet* should have a *wet* DCOF of at least 0.55

FREEZE/THAW RESISTANCE (ASTM C1026)

strata linea tiles are not freeze/thaw resistant.

WATER ABSORPTION (ASTM C373)

avg. 1.36%; vitreous

ACID RESISTANCE

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

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.

strata linea tiles are considered 'inherently non-emitting sources' under the low-emitting materials credit of LEEDv4/v4.1. **this is a credit for our strata tile that is eligible to be used toward LEED.**

'inherently non-emitting' means that these tiles 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.

contribution to mr credit material sourcing under LEEDv4/v4.1, applies if there is recycled content, bio-based materials, wood or reused products included in the tile. **this is a credit for our strata linea tile that is eligible to be used toward LEED.**

* strata linea tiles can contribute to two LEEDv4/v4.1 points under the low-emitting materials credit and under the MR credit material sourcing.

RECYCLED CONTENT

strata linea tiles are 100% recycled natural stone

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

strata linea is made of 100% post-consumer recycled material. see material sourcing disclosure above.

FIRE RATING

typically, natural stone tile does not need to have fire rating testing performed. It is our understanding from TCNA that the explanation that natural stone 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.

natural stone tile falls under the description, "because stone 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 material."