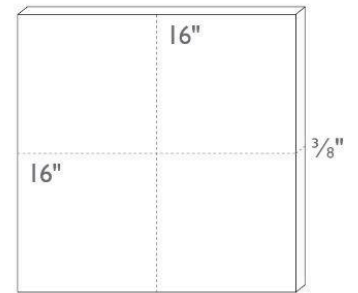
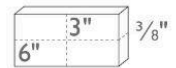
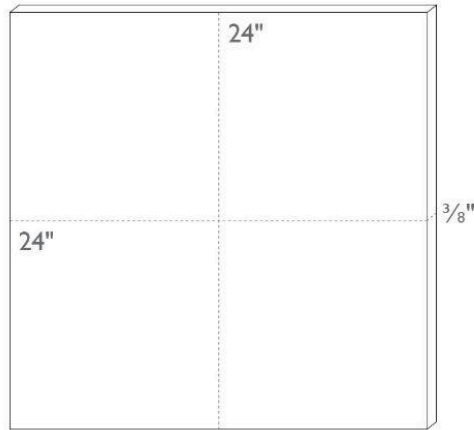
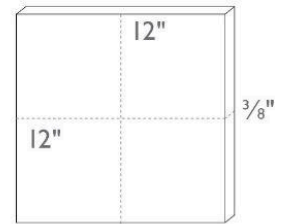
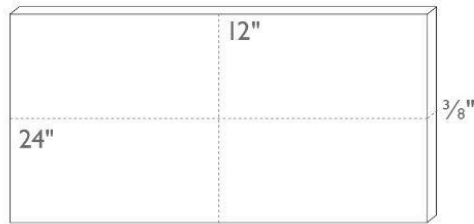
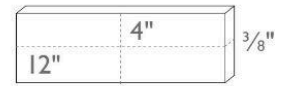
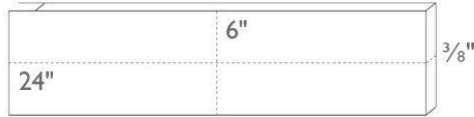


# clé SLATE

USAGE	Y / N
interior floor	Y*
interior wall	Y*
exterior floor	Y*
exterior wall	Y*
light residential traffic	Y
heavy residential traffic	Y
light commercial traffic	Y
heavy commercial traffic	N
industrial traffic	N
shower	Y*
steam shower	N
fountain	N
pool	N
freeze/thaw	Y
UV resistant	Y
radiant heating compatible	Y
heat resistant	Y
fireplace surround	Y
stove backsplash	Y*
sink backsplash	Y*
grout joint size	1/8"



**Standard thickness for slate is 3/8".**

Please note all dimensions are nominal. Additionally, dimensions can vary +/- 1/8".

\* There are specific installation requirements for this usage. Please review the "Installation Areas" section below and discuss with your installer.

# clé SLATE

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**What's in our tile:** Elemental, tactile and endlessly variable, slate is the product of the geologic forces that build mountains. As the tectonic plates buckle and fold, heat and pressure beneath the earth's crust turn mineral clay and volcanic dust into solid stone. It forms in broad, strong, layered sheets that allow it to be cut in a range of shapes and thicknesses. Because it's not very porous, it sheds water and resists damage from freezing, and in its unpolished state, it has a naturally slip-resistant texture.

clé slate is a natural stone which will exhibit degrees of variation in color and shade, therefore there will be variation in color and shade across batches. 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!**

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## INSPECTING YOUR SHIPMENT

- **WHAT TO EXPECT** – clé's slate collection will exhibit a textured surface rich with color and shade variation that come from the natural layering that makes up slate. Shades of black and grey are to be expected and there may be darker sections that look as if a portion of a layer was removed—this is called shaling and is a natural process of slate. Initially, bits of loose shale will wear away, leaving a durable surface that catches light differently from tile to tile. Not only is this to be expected, it's considered part of the beauty of this layered stone. **ALSO** - Dust and shipping residue are to be expected and should be cleaned prior to installing.
- **BLEND BLEND BLEND** - due to the natural materials and production process of clé slate tiles, there will be degrees of variation in color, shade, and size in your order, therefore it is important to blend the tiles from all boxes once they arrive 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, potential shipping breakage, or future repairs.
- **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.

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## 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. Any installer without artisan tile experience will not know how to install clé tiles and will likely result in failed installations.

- **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 have any doubts or are unsure of what qualifies as a visible issue for the tile you are installing, please reach out to us PRIOR to installation. Our tiles are subject to variations 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) (<https://www.cletile.com/blogs/cle-notes/how-to-choose-contractor-installer>).
- **REQUIRE YOUR INSTALLER PERFORM A “DRY RUN” BEFORE BEGINNING YOUR INSTALLATION** – before installing, make sure to lay out and blend ALL BOXES of your tiles so that your variations in color, and tiles that bear chips and pits are artfully placed as you would like. clé selects our tiles for their hand-hewn variations and their inherent surface and color variations, which include pits, cracks, and chipping. The best placement of these nuances throughout 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. We cannot guarantee that the tape will not 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** – your next step 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. This is a STANDARD PRACTICE for seasoned installers as it enables the end-user and their design professional to test all the tile layouts in mock-up form and, also will allow 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 install your tile prior to the installation of cabinets, fixtures, etc., you’ll need be 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 alleviate common shipping imperfections.). Make sure to account for this final step in your project timeline and budget.
  - **TCNA and ANSI** - please refer to the current edition of the TCNA Handbook for best installation results.
- 

## **INSTALLATION AREAS**

- clé Slate tiles can be used on interior and exterior floors, including areas with light commercial traffic.
- clé Slate tiles can be used on interior and exterior walls. Please refer to the “Sealing, Maintenance, and Care” section below for exterior sealing recommendations.
- clé Slate tiles can be used on shower floors and walls with the application of a waterproofing sealant.
- clé Slate tiles are not suitable for steam showers.
- clé Slate tiles are not suitable for pools, fountains, or their water lines.
- clé Slate tiles are freeze/thaw and UV resistant.
- clé Slate tiles are radiant heating compatible.
- clé Slate tiles are heat resistant and can be used on fireplace surrounds.
- clé Slate tiles can be installed in bathrooms and on sink backsplashes with application of a waterproofing, penetrating sealant.
- clé Slate tiles can be used as a stove backsplash. consult with your installer to see if a range splash is required for your installation.

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## GROUT

- clé recommends a 1/8” grout joint for slate installations and using mortar and 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. And due to the large 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 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.
  
- If your contractor is having any issues or questions regarding the grout, please reach out to the grout manufacturer directly as they are the best and fastest line of contact.

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## SEALING, MAINTENANCE & 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.**

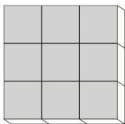
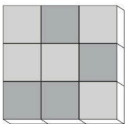
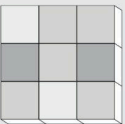
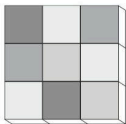
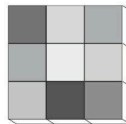
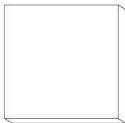
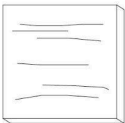
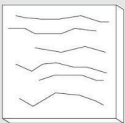
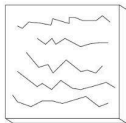
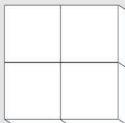
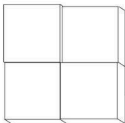
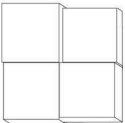
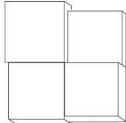
# ADDITIONAL SPECIFICATIONS

## COLOR, TEXTURE AND SIZE VARIATION

Due to the handmade craftsmanship of many of our tiles and the variety of materials used, there are degrees of variation in our tiles color, shade and texture. These differences are more pronounced in certain types of tiles than others, especially in tiles from separate production lots, or “batches”. This makes it unlikely that your sample will be a perfect match with your actual order or that your add-on order will be a perfect match to your first order.

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

clé Slate is rated ‘level: 3 medium’ for color and texture variation, and ‘level 1: slight’ for size variation.

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

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## FLOOR RATING

clé slate is rated III (can be used for light residential to light commercial foot traffic)

### **I** light residential

for residential areas with light foot traffic. examples can include bathroom, bedroom, formal dining and living rooms. please note the following:

- not suitable for shoes with hard sole profiles (cleats, stilettos, etc.)
- the floor must be kept clean from abrasive debris (gravel, mud, salt, etc.)
- immediately clean all stains (food, personal and household care products, oils, paints, chemicals etc.)

### **II** heavy residential

for residential areas with continuous foot traffic. examples can include entry, hallway, kitchen, foyer, laundry and mud rooms. please note the following:

- the floor must be kept clean from abrasive debris (sand, gravel, mud, salt, etc.)
- immediately clean all stains (food, personal and household care products, oils, paints, chemicals etc.)

### **III** light commercial

for commercial areas with light foot traffic. examples can include commercial offices, doctor's offices and boutiques. please note the following:

- the floor must be kept clean from abrasive debris (sand, gravel, mud, salt, etc.)
- immediately clean all stains (food, personal and household care products, oils, paints, chemicals etc.)

### **IV** heavy commercial

for commercial areas with continuous foot traffic. examples can include hotel lobby, retail, corridors in an office building, shopping mall and restaurant. please note the following:

- the floor must be kept clean from abrasive debris (sand, gravel, mud, salt, etc.)
- immediately clean all stains (food, personal and household care products, oils, paints, chemicals etc.)

### **V** industrial

standard industrial floor use with no extreme, heavy breakage or spillage. examples can include restaurant kitchen, bar work area, winery production, exterior hotel entry, airport, car showroom, driveway. please note the following:

- the floor must be kept clean from abrasive debris (sand, gravel, mud, salt, etc.)
- immediately clean all stains (food, personal and household care products, oils, paints, chemicals etc.)

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## PRODUCT DESCRIPTION

A sustainable, natural and highly durable tile that comes in shades of black and gray.

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## PRODUCT COMPONENTS

Natural stone.

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## DIMENSIONS

Field Tile	30.5 cm x 61 cm x 0.95 cm (12"x24"x $\frac{3}{8}$ ") / 5 kg per tile (11 lbs)
Subway	7.6 cm x 15.2 cm x 0.95 cm (3"x6"x $\frac{3}{8}$ ") / .25 kg per tile (.55 lb)
Square	30.5 cm x 30.5 cm x 0.95 cm (12"x12"x $\frac{3}{8}$ ") / 2 kg per tile (4.45 lbs) 40.6 cm x 40.6 cm x 0.95 cm (16"x16"x $\frac{3}{8}$ ") / 3.6 kg per tile (8 lbs)
Square Field Tile	61 cm x 61 cm x 0.95 cm (24"x24"x $\frac{3}{8}$ ") / 9.9 kg per tile (22 lbs)
Large Plank	15.2 cm x 61 cm x 0.95 cm (6"x24"x $\frac{3}{8}$ ") / 2 kg per tile (4.45 lbs)
Small Plank	10.2 cm x 30.5 cm x 0.95 cm (4"x12"x $\frac{3}{8}$ ") / .68 kg per tile (1.5 lbs)

\* Please note all dimensions are nominal. Additionally, dimensions can vary +/-  $\frac{1}{8}$ ".

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## AVERAGE COEFFICIENT OF FRICTION (DCOF ACUTEST)

DCOF testing is typically not performed on slate as the clefs on the tile surface provide a natural slip resistance.

Please note that application of a sealant can help increase slip resistance.

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## FREEZE/THAW RESISTANCE (ASTM C1026)

clé Slate is freeze/thaw resistant.

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## WATER ABSORPTION (ASTM C373)

avg. 0.49%; impervious.



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## **ACID RESISTANCE**

clé Slate is not resistant to acids and only mild, pH neutral cleaners should be used.

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## **SHALING**

Color variation and inconsistency are absolutely normal for a natural product like slate. These variations come from the natural layering that makes up slate, which is a sedimentary rock, made of bits of other rocks, clay and ash. Over time, the sediments harden and form irregular layers. Each color indicates the presence of a different material, all of which are combined under thousands of years of pressure to create the piece you see. When slate is transformed into slabs and tile, those layers are exposed.

This is similar for the texture variations that are inherent in slate where there may be a darker section that looks as if a portion of a layer was removed. This is called shaling, which is the process of the slate's cleft surface to slough off during the first several months of floor (and sometimes, wall) use. This will not happen with every tile, just the tiles that have a section of loosened cleft surface. This process will only expose more slate stone underneath. This process is natural and is not a defect of the slate but a natural response to wear and tear. It will finish once any loose portion of the slate's cleft has come off.

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## 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.

Slate tiles are considered 'inherently non-emitting sources' under the Low-emitting Materials Credit of LEEDv4/v4.1. This is the only credit for our Slate tile 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.*

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## **RECYCLED CONTENT**

There is no recycled content in our slate tiles at this time. See material sourcing disclosure above.

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

There is no pre-consumer or post-consumer material content in our tiles at this time. See material sourcing disclosure above.

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## **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 materials."