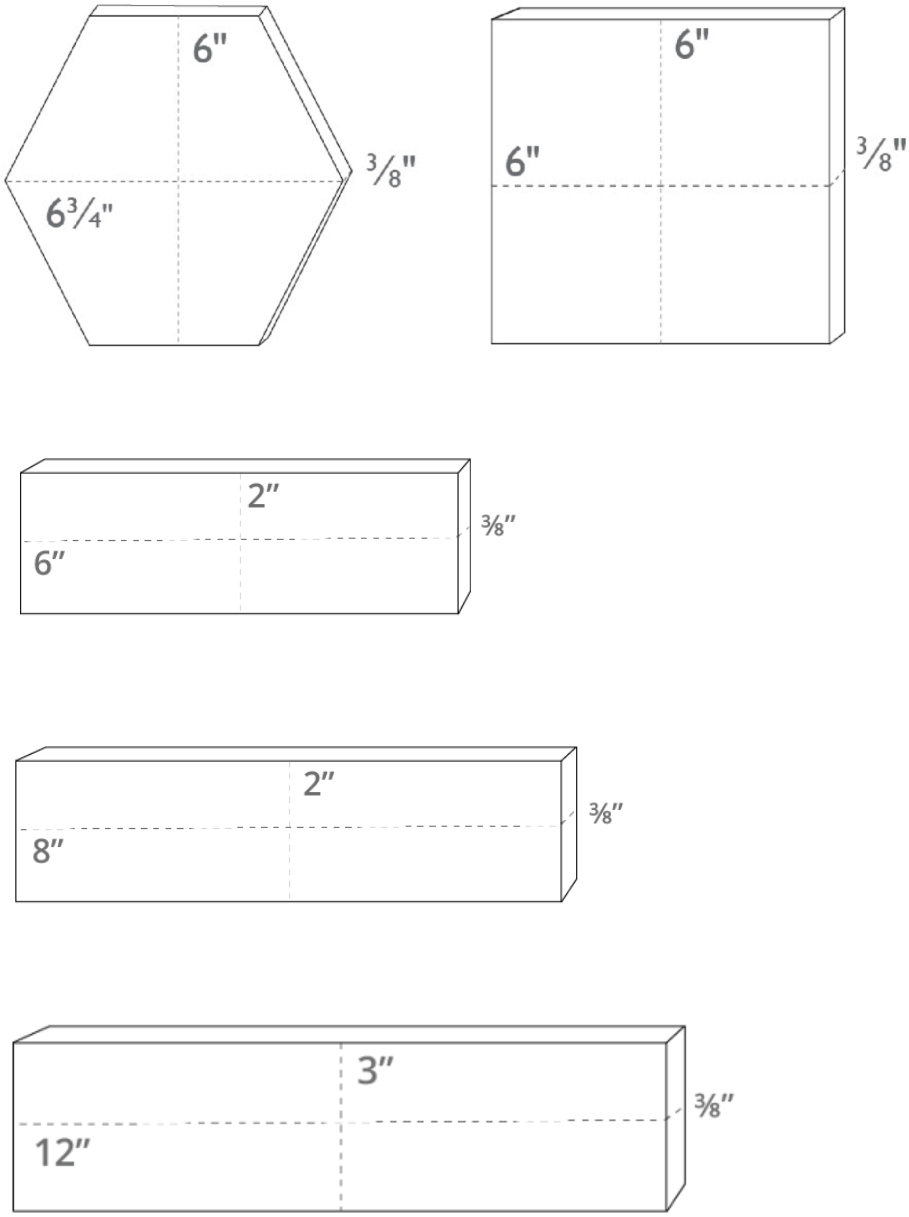
clé LAPIDARY: GIRATA

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	N
UV resistant	Y
radiant heating compatible	Y
heat resistant	Y
fireplace surround	Y
stove backsplash	Y*
sink backsplash	Y*
grout joint size	⅛”



standard thickness for clé lapidary: girata is ⅜”
note: all dimensions are nominal. please note that dimensions can vary +/- ⅛ inch.
*there are specific installation requirements for this usage. please review the “installation areas” and “sealing, maintenance & care” sections below and discuss with your installer.

clé LAPIDARY:

you've got something special. natural stone. clé's lapidary collection features seventeen classic stones – including cararra, limestone, and travertine – in multiple sizes, shapes and colors. girata is our softly spun, tumbled take on these precious treasures in architectural tile form. with a timeworn look that acknowledges the heirloom qualities of the stone itself, girata is a perfect blend of effortless elegance with a gently relaxed feel.

expect variation. clé lapidary features a variety of natural stones, all of which will exhibit degrees of variation. note that tumbled stone may have additional variation, and that is to be expected. our tiles are cut from large blocks of stone; therefore, there will be variations in both color and shade across production lots or batches, depending on the area of the quarry from which a particular lot was sourced. 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. that's the beauty of nature.

INSPECTING YOUR SHIPMENT

- **WHAT TO EXPECT** clé lapidary: girata are comprised of natural stone which will exhibit a tumbled surface. 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 lapidary: girata, 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. however, if the variation in color, shade, and veining inherent to natural stone does not fit your project's needs we recommend ordering 25-35% overage. sufficient overage allows 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. 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. 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.

- **IT'S NATURAL**. please note that the stones in our lapidary: girata collection contain naturally occurring iron deposits that can cause rust spots if exposed to excessive moisture.

- **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** before installing, make sure to lay out and blend ALL BOXES of your tiles so that the variations in color – as well as 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. 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 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 to 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. also, it 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 the 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, aka 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 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 and ANSI A137:1 american national standard specifications for ceramic tile to reference specifications.

INSTALLATION AREAS

- clé lapidary: girata can be used on interior and exterior floors, including light commercial traffic areas.
- lapidary: girata is not freeze/thaw resistant.
- 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.
- clé lapidary: girata can be used on interior and exterior walls. for outdoor installations in cold-weather areas, there must be a flashing or roofing overhead and the tiles must be sealed with a water-repellent sealer.
- lapidary: girata can be used on shower walls and floors with the application of a penetrating water-repellent sealer.
- clé lapidary: girata are not suitable for pools, fountains, or their water lines.
- clé lapidary: girata are heat resistant and can be used on fireplace surrounds.
- clé lapidary: girata can be installed on backsplashes and in bathrooms with the application of a waterproofing, penetrating sealant.
- clé lapidary: girata can be used as a stove backsplash with additional placement issues taken into consideration.

GROUT

- clé recommends a ⅛” grout joint with this collection.
- clé recommends using mortar and cementitious sanded 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 the best grout selections for our tiles. 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.
- 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. additionally, you must make sure to apply a grout release or appropriate 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 grout, please reach out to the grout manufacturer directly, as they are the best and fastest line of contact.

SEALING, MAINTENANCE & CARE

- clé lapidary: girata 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 lapidary: girata 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

COLOR, TEXTURE AND SIZE VARIATION

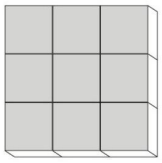
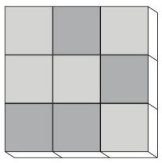
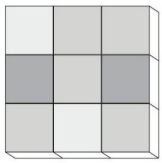
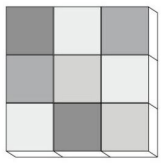
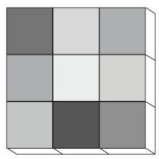
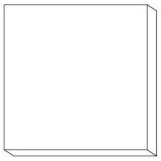
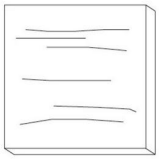
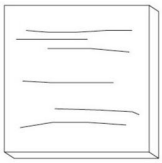
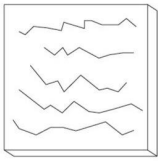
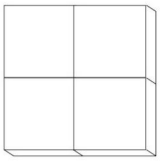
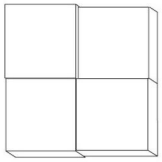
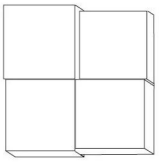
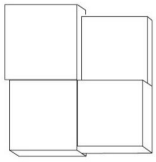
clé lapidary: girata collection consists of natural stone which will exhibit degrees of variation in color and shade. our tiles are cut from large blocks of stone, therefore there will be variations in color and shade across production lots or batches depending on the area of the quarry a particular lot was pulled from. 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.

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

color variation ranges from ‘level 2: slight’ for thassos, warm black, and white limestone, to ‘level 5: extreme' for calacatta viola and iberian chocolate. all other stones are rated ‘level 3: medium’.

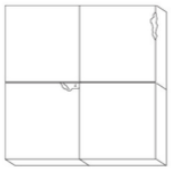
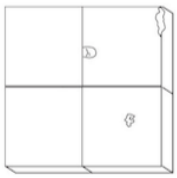
texture variation: beige travertine and red travertine are rated ‘level 2: slight’, all other stones are ‘level 1: smooth’

size variation is rated ‘level 1: slight’ for all stones

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

clé lapidary: girata are rated ‘level 1: will occur’ for pits/chips.

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

FLOOR RATING

clé lapidary: girata are 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.)

PRODUCT DESCRIPTION

tumbled natural stones.

PRODUCT COMPONENTS

natural stone.

DIMENSIONS

FINISH	PIECE DIMENSIONS	WEIGHT
BAGUETTE	5.08 cm x 15.24 cm x 3.18 cm (2" x 6" x ⅜")	0.18 kg per tile (0.40 lb)
BLADE	7.62 cm x 30.48 cm x 0.95 cm (3" x 12" x ⅜")	0.59 kg per tile (1.30 lb)
CIGAR	5.08 cm x 20.32 cm x 3.18 cm (2" x 8" x ⅜")	0.27 kg per tile (0.60 lb)
HEXAGON	15.24 cm x 17.15 cm x 0.95 cm (6" x 6 ¾" x ⅜")	0.59 kg per tile (1.30 lb)
SQUARE	15.24 cm x 15.24 cm x 0.95 cm (6" x 6" x ⅜")	0.48 kg per tile (1.05 lb)

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

AVERAGE COEFFICIENT OF FRICTION (DCOF ACUTEST)

all lapidary: girata are ok for use on wet interior and exterior 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)

clé lapidary: girata are not freeze/thaw resistant.

WATER ABSORPTION (ASTM C97)

IMPERVIOUS ≤ 0.50%	VITREOUS 0.50% < 3.0%	SEMI-VITREOUS 3.0% < 7.0%
	alpaca grey, beige travertine, calacatta gold, calacatta viola, cashmere grey, galician green iberian chocolate, jade green, rosso italiano, rojo alicante, verde marble	carrara, pink/grey, red travertine, thassos, warm black, white limestone

ACID RESISTANCE

clé lapidary: girata 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.

natural stone tiles are considered ‘inherently non-emitting sources’ under the Low-emitting Materials Credit of LEEDv4/v4.1. **this is the only credit for our lapidary: girata 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 LEED v4/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 LEED v4/4.1, 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 LEED v4/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 no recycled content in our clé lapidary: girata tiles. see material sourcing disclosure above.

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

there is no pre-consumer or post-consumer material content in our tiles.. 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 materials.”