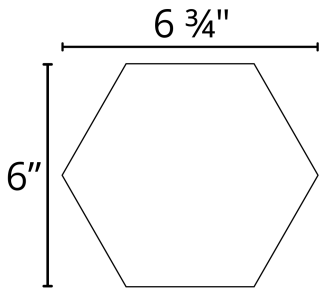
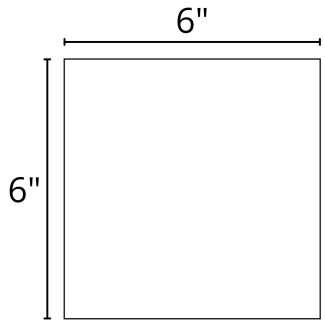
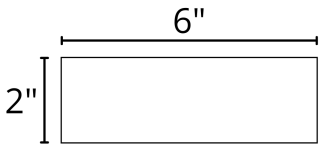
clé lapidary: pantry pavers



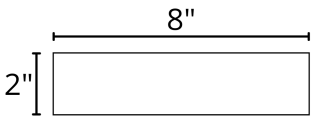
hexagon



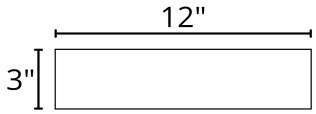
stout



baguette



cigar



blade

standard thickness for pantry pavers is ⅜”. graphics are not to scale
please note all dimensions are nominal, and 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.
	⅛”	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”, “sealing, maintenance, and care”, and “freeze/thaw rating” sections below, and discuss with your installer.

clé lapidary: pantry pavers

you've got something special. pantry pavers is our softly spun, tumbled take on twenty classic stones – including carrara, limestone, and travertine. a timeworn look that acknowledges the heirloom qualities of the stone itself, pantry pavers is a perfect blend of effortless elegance with a gently relaxed feel.

expect variation. natural stone will exhibit degrees of variation. tumbled stone may have additional variation. 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 any add-on order may not either. **that's the beauty of nature.**

INSPECTING YOUR SHIPMENT

- **WHAT TO EXPECT** - our pantry pavers are composed of natural stone which will exhibit a tumbled surface. ALSO dust and shipping residue should be expected and cleaned off prior to installing.
- **BLEND BLEND BLEND** - due to the natural material makeup and production process of pantry pavers 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. 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, particularly when ordering larger format tiles as blending these can be more challenging. 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 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 note that all natural stone tiles can develop 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 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. the 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 enables the end-user and their design professional to test all the tile layouts in mock-up form and 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 installing 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, 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 use on interior and exterior walls.
  - radiant heating compatible.
  - when installing non-freeze/thaw rated tiles on exterior walls in cold-weather areas, there must be a flashing or roofing overhead and the tiles must be sealed with a water-repellent sealer.
- **floors**
  - can be used on interior and exterior floors, including light commercial traffic areas.
  - if installing non-freeze/thaw rated tiles on exterior floors in cold-weather areas, they must be installed above-grade on covered decks or verandas and sealed with a water-repellent sealer.
- **showers**
  - pantry paver tiles can be installed on shower walls and floors with application of a waterproofing, penetrating sealant. please refer to the “sealing, maintenance, and care” section below for sealing recommendations.
  - pantry pavers tiles are not suitable for steam showers or saunas (wet or dry)
- **pools, fountains & waterlines**
  - not suitable for installation in pools, fountains, or water lines.
- **freeze/thaw rating**
  - some stones are freeze/thaw rated. please see the “freeze/thaw rating” section below for details
- **uv resistance**
  - pantry pavers tiles are uv resistant.
- **fireplace surround and hearth**
  - pantry pavers tiles are heat resistant and can be used on fireplace surrounds and hearths
- **backsplashes**
  - can be installed on sink backsplashes and in bathrooms, with application of a waterproofing, penetrating sealant.
  - can be used as a stove backsplash, please consult with your installer to see if a range splash is required for your installation.

GROUT

- clé recommends a ⅛" 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 sanded 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. 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 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.

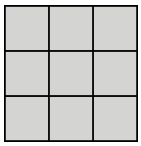
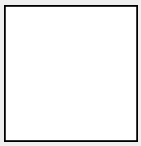
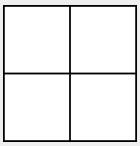
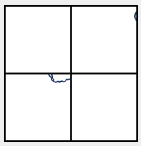
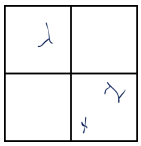
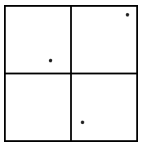
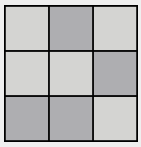
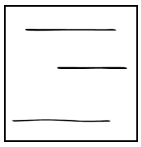
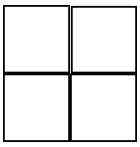
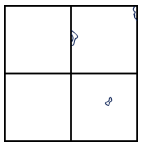
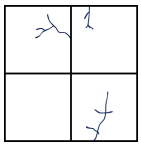
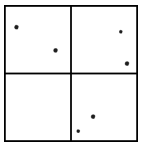
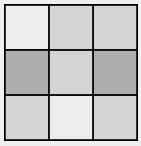
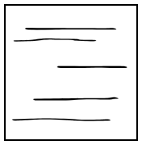
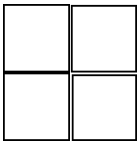
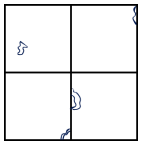
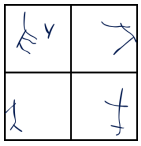
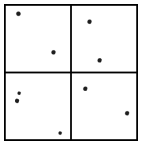
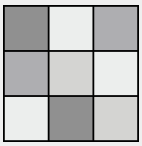
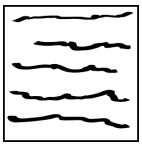
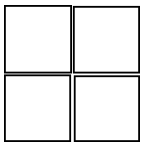
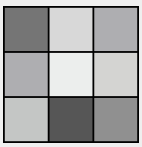
SEALING, MAINTENANCE & CARE

- pantry pavers tiles are 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 pantry pavers 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
SLIGHT - EXTREME	**SMOOTH**	**SLIGHT**	**WILL OCCUR**	**N/A**	**N/A**
 low	 smooth	 slight	 will occur	 will occur	 will occur
 slight (sand, thassos, warm black, white limestone)	 slight	 medium	 prevalent	 prevalent	 prevalent
 medium (all other stones)	 medium	 heavy	 heavy	 heavy	 heavy
 heavy (pumice, shale)	 heavy	 extreme	n/a	n/a	n/a
 extreme (calacatta viola, iberian chocolate)	n/a	n/a	n/a	n/a	n/a

FLOOR RATING

clé pantry pavers are rated IV (can be used for light residential to heavy commercial foot traffic). all stones are suitable for 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

tumbled natural stone.

PRODUCT COMPONENTS

natural stone

DIMENSIONS

SHAPE	DIMENSIONS	WEIGHT
BAGUETTE	5.08 cm x 17.15 cm x 0.95 cm (2” x 6” x ⅜*")	0.27 kg per tile (0.6 lb)
BLADE	7.62cm x 30.28 cm x 0.95 cm (3” x 12” x ⅜*")	0.45 kg per tile (1 lb)
CIGAR	5.08 cm x 20.32 cm x 0.95 cm (2" x 8" x ⅜*")	0.29 kg per tile (0.65 lb)
HEXAGON	15.24 cm x 17.15 cm x 0.95 cm (6" x 6 ¾" x ⅜*")	0.59 kg per tile (1.3 lb)
STOUT	15.24 cm x 15.24 cm x 0.95 cm (6" x 6" x ⅜*")	0.68 kg per tile (1.5 lb)

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

AVERAGE COEFFICIENT OF FRICTION (DCOF ACUTEST)

STONE	Wet DCOF
ALL STONES	>0.55 (exterior, 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)

FREEZE/THAW RESISTANT	NOT FREEZE/THAW RESISTANT
alpaca grey, beige travertine, calacatta gold, carrara, jade green, noir fumé, pumice, rosina veneto, rosso italiano, sand, shale, white limestone	calacatta viola, cashmere grey, dolomite, galician green, iberian chocolate, red travertine, rojo alicante, thassos, verde marble

WATER ABSORPTION (ASTM C373)

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

ACID RESISTANCE

clé pantry pavers 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.

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

'inherently non-emitting' means that these tile types are 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, 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 pantry pavers tiles at this time. 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 at this time. 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.”