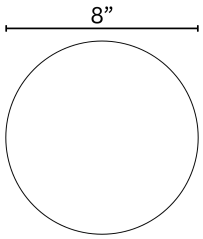
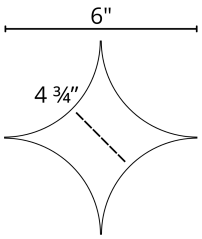
belgian reproduction

globes duo bundle

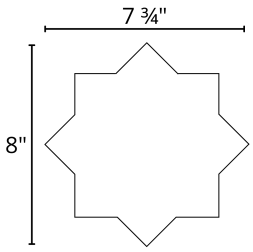


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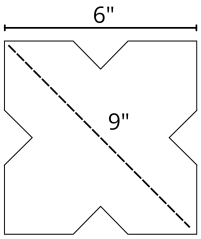


losange

grand ensemble bundle

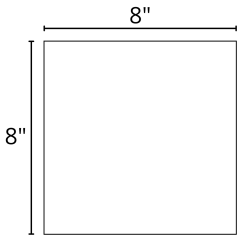


star

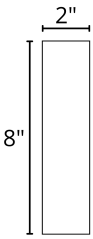


cross

grand brugge bundle

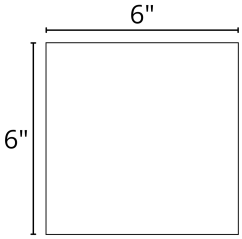


classique grand

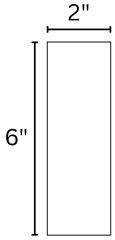


cigar

brugge bundle

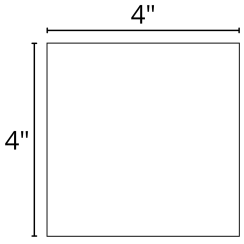


classique stout

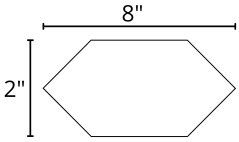


baguette

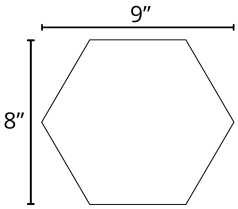
brusseleir mosaic bundle



classique petite



petite hex



hexagon

standard thickness for all belgian reproduction is $^{3}/_{4}$". all dimensions are nominal and can vary +/- ½ inch. graphics are not to scale

USAGE		walls		floors						traffic rating			
	grout joint	interior	exterior	interior	exterior	entryway	mudroom	bathroom	kitchen	light res.	heavy res.	light comm.	heavy comm.
	½”	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
	N	N	N	N	N	N	N	N	Y	Y	Y	Y*	Y

* there are specific installation requirements for this usage. please review the “installation areas” section and discuss with your installer.

belgian reproduction

you've got something special. inspired by the grand courtyards and refined rusticity of Northern Europe, we sought a tile that would feel equally at home indoors and out. The result is this exquisite clay collection—a restored interpretation of traditional terracotta that captures the understated beauty of antique Belgian surfaces.

expect variation. much of the beauty of our belgian reproduction tiles lies in their variation and imperfections. hand-mixed clay bodies and traditional firing create natural differences in size, texture, shade, and color, along with occasional chips, cracks, and red clay inclusions. no two lots are exactly alike, therefore, samples or add-on orders may vary. **this is the beauty of artisanal tile.**

INSPECTING YOUR SHIPMENT

- **WHAT TO EXPECT** – belgian reproduction, wood-fired terracotta tiles, are prized for their variation and surface imperfections. noticeable variation in thickness, size, shade, and color are part of the handcrafted look and feel. ALSO – dust and shipping residue should be expected and cleaned before installing.
- **BLEND BLEND BLEND** - due to variation in color and shade of belgian reproduction tiles, it is important to blend tiles from all boxes and place them in their installation area to ensure you have the layout you want before installing.
- **ORDER EXTRA!** - industry standard suggests adding at least 15% overage due to tile cuts, potential shipping breakage, or future repairs. due to the raw materials and firing methods used to create belgian reproduction tiles, your order will have more than 15% of tiles with cracks and chipping. if these features do not fit your project's needs, we recommend ordering 20-30% overage. this will allow your contractor to cherry-pick the tiles most desirable for your project.
- **SHIPMENTS ARE SUBJECT TO WEATHER** – tiles may be exposed to moisture and/or condensation during production or shipping which may affect the color of the tiles once received. 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 select 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, please reach out to us PRIOR to installation. our tiles are subject to variation in color, texture, size, and finish. contractor or end-user misuse including but not limited to negligence, physical and/or chemical abuse, as well as order shortages ARE NOT 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** – make sure to lay out and blend tiles from ALL BOXES so that variation in color, and tiles that bear chips or pits are placed as you would like. clé selects our tiles for their hand-hewn qualities and inherent surface and color variation, including pits, cracks, and chips. placement of these nuances within your installation must be guided by you and/or your design professional to realize the best possible blend of your shipment of our limited-availability tiles. your installation is only as good as your DRY RUN.

- **DO NOT USE TAPE, BLUE TAPE, OR OTHER TAPE -** do not use blue tape or other construction tape during product installation. 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** – 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.

- to accommodate variations in size, wedge spacers can be used to keep tile lines straight during installation.

- for orders with substantial thickness variation, you will need to separate tiles into two installation groups: a thicker group and a thinner group. install the thicker tile first. this will then allow you to select a backer board with the appropriate thickness to raise the thin tile up to the same height as the thick tile.

- **"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 and ANSI A137:1 American National Standard Specifications for Ceramic Tile to reference for specifications.

INSTALLATION AREAS

- **walls**
  - suitable for interior and exterior wall installations
  - 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 residential and commercial traffic areas.
  - for exterior installations in cold-weather areas, must be installed above-grade on covered decks or verandas and sealed with a water-repellent sealer.
  - radiant heating compatible
- **showers**
  - not suitable for use in showers, steam showers, and dry or wet saunas
- **pools, fountains & waterlines**
  - not suitable for installations in pools, fountains or waterlines
- **freeze/thaw rating**
  - not freeze/thaw rated
- **uv resistance**
  - belgian reproduction 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 ½" grout joint with this collection. should you find extreme variations in length between the pieces of your order, particularly with bundles, we recommend increasing or decreasing the grout joint size as needed within your installation to compensate and create a cohesive look.
- it is recommended to apply a grout release or sealant prior to grouting to minimize risk of grout haze and to allow for easy clean up. clé only recommends sealers from laticrete for this collection.
- 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 may need extra time to cure given the large grout joint size of ½".
- 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 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.

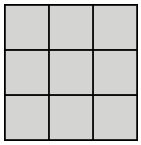
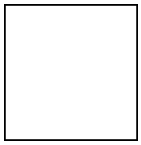
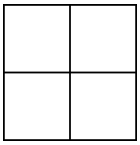
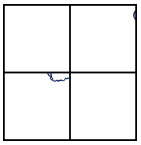
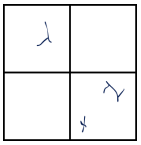
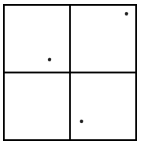
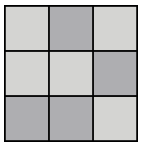
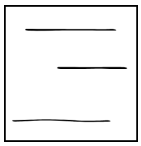
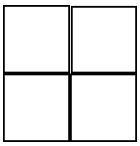
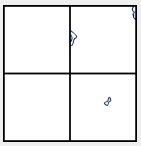
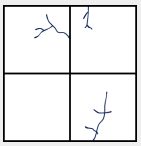
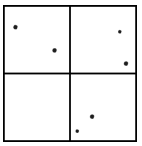
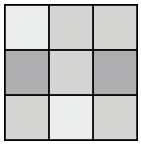
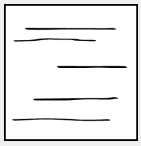
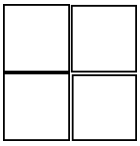
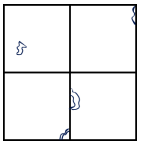
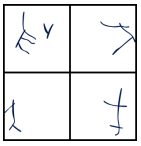
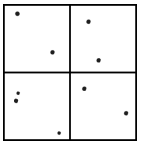
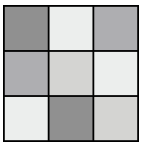
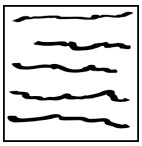
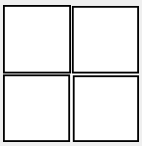
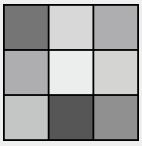
SEALING, MAINTENANCE, AND CARE

- belgian reproduction tiles are highly porous and should be sealed as the final step of installation for all applications (dry and wet) to maintain their appearance and avoid staining. both the tile surface and grouted areas should be sealed.
- belgian reproduction 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.
- please follow laticrete's sealing, maintenance, and care guide for more guidance on sealing, 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

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
EXTREME	**MEDIUM**	**EXTREME**	**PREVALENT**	**PREVALENT**	**N/A**
 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

belgian reproduction tiles are 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

hand-formed and fired, unglazed, non-vitreous terracotta tiles.

PRODUCT COMPONENTS

clay.

DIMENSIONS

SHAPE	PIECE DIMENSIONS	WEIGHT
BAGUETTE	5 cm x 15 cm x 1.9 cm (2” x 6” x ¾”)	0.27 kg per tile (0.59 lbs)
CIGAR	5 cm x 20 cm x 1.9 cm (2" x 8" x ¾")	0.36 kg per tile (0.80 lbs)
CIRCLE	20 cm x 20 cm x 1.9 cm (8" x 8" x ¾")	1.13 kg per tile (2.5 lbs)
CLASSIQUE GRAND	20 cm x 20 cm x 1.9 cm (8" x 8" x ¾")	1.59 kg per tile (3.5 lbs)
CLASSIQUE PETITE	10 cm x 10 cm x 1.9 cm (4” x 4” x ¾”)	0.33 kg per tile (0.72 lbs)
CLASSIQUE STOUT	15 cm x 15 cm x 1.9 cm (6” x 6” x ¾”)	0.91 kg per tile (2 lbs)
CROSS	15 cm x 23 cm x 1.9 cm (6" x 9" x ¾")	0.68 kg per tile (1.5 lbs)
HEX	20 cm x 23 cm x 1.9 cm (8" x 9" x ¾")	1.36 kg per tile (3 lbs)
LOSANGE	12 cm x 15 cm x 1.9 cm (4 ¾" x 6" x ¾")	0.36 kg per tile (0.8 lbs)
PETITE HEX	10 cm x 20 cm x 1.9 cm (4” x 8” x ¾”)	0.54 kg per tile (1.19 lbs)
STAR	19.7 cm x 20 cm x 1.9 cm (7 ¾" x 8" x ¾")	0.91 kg per tile (2 lbs)

* please note all dimensions are nominal and can vary +/- ½”

AVERAGE COEFFICIENT OF FRICTION (DCOF ACUTEST)

WET DCOF
0.81 (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 intended 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)

belgian reproduction tiles are not freeze/thaw resistant.

WATER ABSORPTION TEST (ASTM C373)

avg. 14.0%; non-vitreous.

ACID RESISTANCE

belgian reproduction tiles are not resistant to acids and should be cleaned with pH neutral cleaners.

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.

belgian reproduction tiles are considered ‘inherently non-emitting sources’ under the low-emitting materials credit of LEEDv4/v4.1. This is currently the only credit for our belgian reproductiontile that is eligible to be used toward LEED.

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

use of these tiles as wall or flooring materials should be entered in the LEED v4.1 low-emitting materials Calculator and identified as ‘inherently non-emitting’ in the products tab (column l).

disclosures for MR credit material ingredient disclosures under LEEDv4/v4.1, are not available at this time. we are exploring our disclosure options and have not established a timeline for completion.

disclosures for MR credit environmental product declarations under LEEDv4/4.1, are not available at this time. we are exploring our disclosure options and have not established a timeline for completion.

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

RECYCLED CONTENT

This collection currently contains no recycled content. 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, ceramic tile does not need to have fire rating testing performed. it is our understanding from TCNA that the explanation that ceramic is inorganic, inert, and typically free of materials that could burn or produce smoke is generally enough to satisfy a specifier and that testing is not necessary. also, the temperatures observed in the testing are typically lower than the temperatures at which ceramic tiles are fired.

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