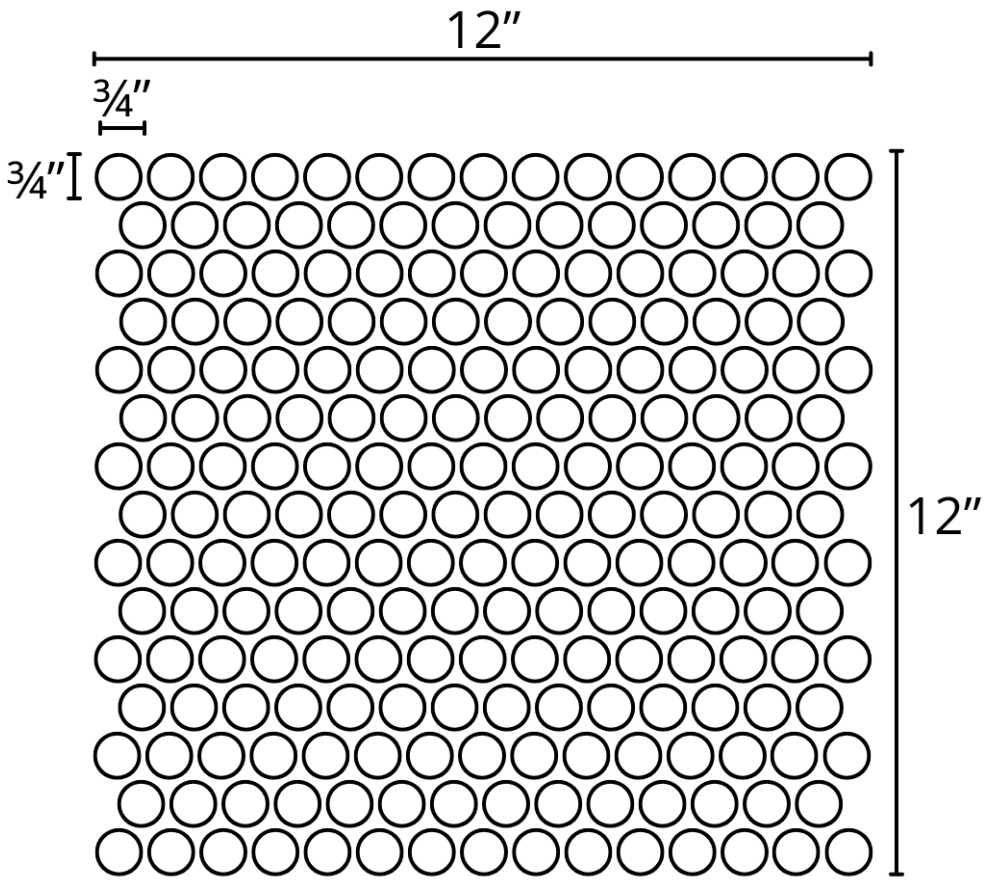
clé penny rounds



standard thickness of penny rounds is ⅛”.
please note all dimensions are nominal. additionally, dimensions can vary +/- ⅛”inch

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

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

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

clé penny rounds

you've got something special. penny rounds continue to be a staple for use in walls and floors. capable of offering the great style and durability of mosaic tiles, penny rounds also have an enduring twist of mid-century styling. for floors, they provide a great slip resistant surface that can be easily molded around curbs and rounded surfaces. for walls, penny rounds offer a visual texture that is meticulous and refined.

expect variation. there will be some degree of variation in color, shade, size and texture across production lots or 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!**

INSPECTING YOUR SHIPMENT

- **WHAT TO EXPECT** – penny rounds are glazed porcelain mosaic tiles mounted on mesh sheets. the glossy versions will feature a smooth finish, while the matte versions will have medium texture variation. ALSO - Dust and shipping residue are to be expected and should be cleaned prior to installing.
- **BLEND BLEND BLEND** - penny rounds have low color and shade variation; however, it is still 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.

INSTALLATION FYIs

- **GENERAL GUIDELINES, NOT INSTRUCTIONS** - clé offers general information about our tiles and their unique qualities and usages. proper installation will only be attained if you have selected a seasoned installer with years of experience with artisan tiles. an installer without artisan tile experience will not know how to install clé tiles and will likely result in failed installations.
- **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).

- **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 REQUIRE 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 specifications.

INSTALLATION AREAS

- **walls**
  - suitable for interior and exterior walls
- **floors**
  - suitable for interior and exterior floors, including areas with heavy commercial traffic.
  - clé penny rounds are radiant heating compatible.
- **showers**
  - suitable for installation in showers and steam showers with the application of a penetrating sealer
- **pools, fountains & waterlines**
  - can be installed in pools (chlorine and saltwater),fountains and waterlines.
- **freeze/thaw rating**
  - freeze/thaw rated
- **uv resistance**
  - clé penny rounds are uv resistant
- **fireplace surround and hearth**
  - heat resistant
  - suitable for use in these areas
- **backsplashes**
  - can be used as a stove backsplash with additional placement issues taken into consideration.
  - suitable for sink backsplashes with the application of a penetrating, water-repellent sealer.

GROUT

- penny rounds come mounted on mesh sheets and will have a fixed 1/16" grout joint.
- clé recommends using mortar and unsanded cementitious grout that comply with the ANSI A118 or ISO 13007 classifications suitable for your project. please consult with your installation professional to make these determinations.
- grout color selection is always up to our client and/or their design professional. however, clé is often asked for our opinion on best grout selections for our tiles. and due to the large array of grout colors that are now available, clé would like to offer this general guideline on a foolproof grout color selection for any of your clé tiles.
    - have your contractor complete your tile installation, except for the grout portion.
    - ask your contractor to bring grout color charts from his preferred grout manufacturer for your review.
    - choose a time of day when you are most pleased with the lighting in your space. in that lighting and at that time of day, choose the grout color that best matches your tile selection.
- if your contractor is having any issues or questions regarding this grout, please reach out to the grout manufacturer directly. they are the best and fastest line of contact.

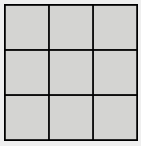
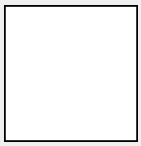
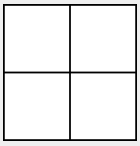
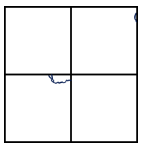
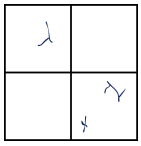
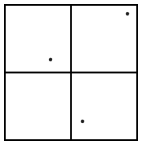
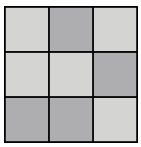
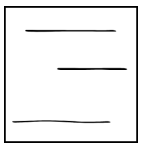
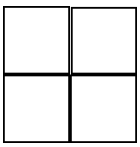
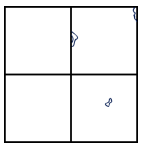
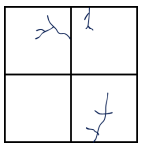
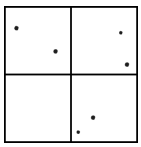
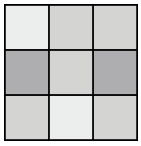
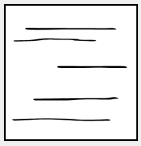
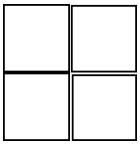
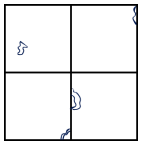
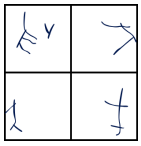
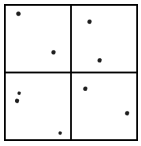
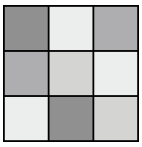
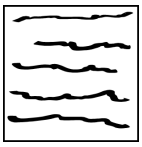
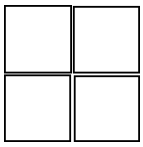
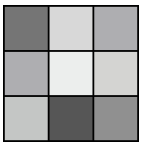
SEALING, MAINTENANCE & CARE

- penny rounds sensitive to acids and should be cleaned with pH neutral cleaners.
- 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
LOW	**SMOOTH - MEDIUM**	**SLIGHT**	**N/A**	**N/A**	**N/A**
 low	 smooth (gloss finish)	 slight	 will occur	 will occur	 will occur
 slight	 slight	 medium	 prevalent	 prevalent	 prevalent
 medium	 medium (matte finish)	 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

porcelain gloss and matte penny rounds 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

a tile staple for walls and floors.

PRODUCT COMPONENTS

Porcelain.

DIMENSIONS

SHAPE	PIECE DIMENSIONS	WEIGHT	SHEET DIMENSIONS	PIECES PER SHEET
PENNY ROUNDS	1.9 cm x 1.9 cm x 0.32 cm (¾” x ¾” x ⅛”)	0.82 kg per sheet (1.8lbs)	30.5 cm x 30.5 cm (12” x 12”)	255

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

AVERAGE COEFFICIENT OF FRICTION (DCOF ACUTEST)

penny rounds inherently provide a high DCOF/slip resistance due to the small surface area of tile and large area of grout used.

FREEZE/THAW RESISTANCE (ASTM C1026)

penny rounds are freeze/thaw resistant.

WATER ABSORPTION (ASTM C373)

<0.5%; impervious.

ACID RESISTANCE

penny rounds are not resistant to acids and should be cleaned with pH neutral cleaners.

LEED CREDITS

the product is an inherently non-emitting source of VOCs (stone, ceramic, porcelain, 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.

penny rounds are considered ‘inherently non-emitting sources’ under the low-emitting materials credit of LEEDv4/v4.1. **this is currently the only credit for our penny rounds 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 porcelain tiles can withstand the test of time while remaining timeless.*

RECYCLED CONTENT

there is no recycled content in our penny rounds 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 penny rounds at this time. see material sourcing disclosure above.

FIRE RATING

typically, porcelain tile does not need to have fire rating testing performed. It is our understanding from TCNA that the explanation that porcelain 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 porcelain tiles are fired.

porcelain tile falls under the description, “because porcelain 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.”