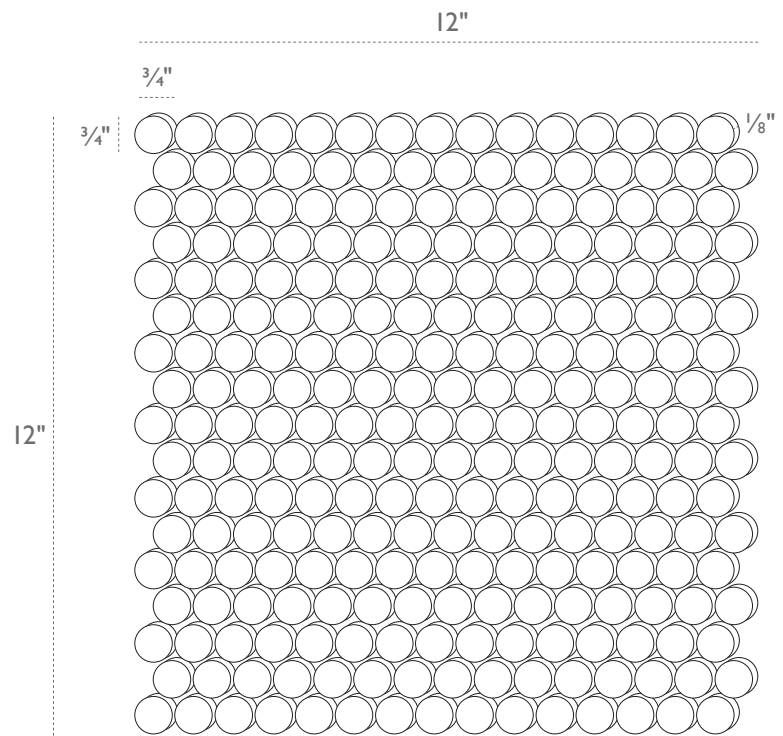


PENNY ROUNDS

USAGE	Y/N
interior floor	Y*
interior wall	Y*
exterior floor	Y*
exterior wall	Y*
residential heavy traffic	Y
commercial heavy traffic	Y
radiant heating compatible	Y
fireplace surround	Y
shower	Y*
steam shower	Y*
fountain	Y*
freeze thaw	Y
pool	Y*
heat resistant	Y
sink backsplash	Y*
stove backsplash	Y*
grout type	ultracolor plus fa & flexcolor cq
grout joint size	1/16"
UV resistant	Y



Standard thickness for penny rounds is 1/8".

- * There are specific installation requirements for this usage, read more information under the installation, sealing, and grout sections of this document.

PENNY ROUNDS INSTALLATION

What's in our tile: 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.

clé has worked with our studios to provide the finest quality penny rounds available. However, for the best installation, it is important that you hire a highly qualified tile contractor for your project.

YOUR TILE INSTALLATION IS ONLY AS GOOD AS YOUR INSTALLER.

INSPECTING YOUR SHIPMENT

- Penny rounds have low color and shade variation but it is still very 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. Do not install without blending tiles from all boxes.
 - Industry standard suggests adding at least 15% overage due to tile cuts, potential breakage, or future repairs.
 - Dust and residue from shipping should be cleaned prior to installing. This can be done with a damp sponge or microfiber cloth.
-

FOR INSTALLATION GUIDELINES

- clé's guides are only to help direct you in the right path for a proper installation. Each project is unique and therefore requires a professional who can provide the exact specifications for your project.
- 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.
- Tile is merely the surface of your construction. Installation problems will arise from substrate or construction engineering and/or installation issues. Please refer to your project architect, structural engineer and/or installer to have the best results for your tile finish.
- As is standard in the tile industry, 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. Do not install if you have any doubts about visible issues. Misuse by contractor or end-user including but not limited to negligence, physical and/or chemical abuse is not covered by clé's warranty.

GROUT GUIDELINES

- clé recommends the use of [Mapei Ultracolor Plus FA](#) grout for gloss subway and [Mapei Flexcolor CQ](#) for matte subway.
- Penny rounds come mounted on mesh sheets and will have a fixed 1/16" grout joint.
- 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.
 - First, have your professional tile contractor complete your tile installation, except for the grout portion.
 - Next, when ready to grout, ask your contractor to bring ALL grout color charts from his preferred grout manufacturers, 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.
- Note that the full Mapei Ultracolor Plus FA & Flexcolor CQ color catalogue contains 40 colors to choose from. Visit the [Mapei website](#) to view.
- If your contractor is having any issues or questions regarding this grout, please reach out to Mapei tech support directly at 1-800-992-6273 as they are the best and fastest line of contact.
- If your contractor selects brands other than Mapei grout or Miracle sealant, please have them reach out to the respected representatives of those manufactures for advice and support on failures.

MAINTENANCE & SEALING GUIDELINES

- clé only recommends the use of [Miracle 511 Porous Plus](#) for an invisible sealant finish.
 - Always test sealers in a small area to ensure it provides the finish you prefer.
 - Penny rounds are nonporous and do not need to be sealed before grouting or as the final step of installation in dry installations.
 - However we recommend sealing floors to further protect the tiles in moderate traffic areas as the final step of installation.
 - In wet areas (backsplashes, showers, steam showers, pool & fountain water lines) the grout lines must be sealed as the final step of installation. Sealant will not penetrate the tile surface but it will penetrate and protect grouted areas.
 - Single coat reapplication of the penetrating sealant is required once a year on all grout lines in shower applications due to the continuous exposure to water.
 - Reapplication is needed more often if installation is in a steam shower or pool/fountain. Please refer to a professional for this.
 - For steam showers, opening windows/doors to help some of the moisture dissipate faster after use will help rid extra moisture.
 - If your contractor is having any issues or questions regarding this sealant, please have them reach out to Miracle tech support directly at 1-877-385-8155, as they are the best and fastest line of resolution.
 - PLEASE FOLLOW ALL MIRACLE SEALANT INSTRUCTIONS FOR BEST RESULTS as well as MAINTENANCE UPKEEP RECOMMENDATIONS.*
- * **HINT:** if water or oil does not bead up on the grout lines then the sealant was not applied properly.

CLEANING
GUIDELINES

- Penny rounds require minimal maintenance. Mild, pH neutral soaps and a scrub sponge should be sufficient for most cleaning.
- Penny rounds can withstand common cleaners like bleach, soft scrub cleansers, and multipurpose cleaners. Cleaners should be tested before use, as all tiles (glazed or otherwise) can be damaged through rigorous cleaning processes utilizing harsh cleansers or scrub pads.
- Shower installations should be squeegeed after each use to prevent hard water stains, soap scum and mildew.
- clé recommends the use of Miracle Porcelain & Ceramic Tile Cleaner to remove stubborn stains, grease build up, soap scum, hard water deposits and everyday grime.
- Miracle Tile & Stone Cleaner is effective as an ongoing maintenance cleaner and is gentle for everyday use.
- Grout lines can be cleaned with warm water and a soft bristled cleaning brush.

COLOR AND TEXTURE
VARIATION

Porcelain gloss penny rounds are rated VI / T1
Porcelain matte penny rounds are rated VI / T3

Due to the handmade craftsmanship of many of our tiles and the variety of materials used, there are degrees of variation in our tiles color, shade and texture. These differences are more pronounced in certain types of tiles than others, especially in tiles from separate production lots, or “batches”.

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

Porcelain gloss:

COLOR VARIATION

- V1** low variation
- V2** slight variation
- V3** medium variation
- V4** heavy variation
- V5** extreme variation

TEXTURE VARIATION

- T1** smooth
- T2** light texture
- T3** medium texture
- T4** heavy texture

Porcelain matte:

COLOR VARIATION

- V1** low variation
- V2** slight variation
- V3** medium variation
- V4** heavy variation
- V5** extreme variation

TEXTURE VARIATION

- T1** smooth
- T2** light texture
- T3** medium texture
- T4** heavy texture

Porcelain gloss and matte penny rounds are rated IV (can be used for light residential to heavy 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 office, doctor's office and boutique. 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.)