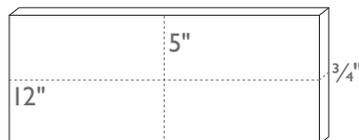
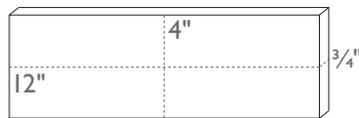
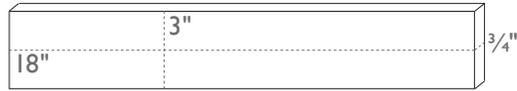


STRATA LINEA

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	N
freeze thaw	N
pool	N
heat resistant	Y
sink backsplash	Y*
stove backsplash	Y*
grout type	flexcolor cq
grout joint size	1/16"
UV resistant	Y



Standard thickness for strata is 3/4". Please note all dimensions are nominal and can vary plus or minus 1/8".

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

STRATA LINEA INSTALLATION

What's in our tile: Strata Linea is a collection of recycled stone from the Eastern Mediterranean and is the brainchild of Rula Yaghmour, a female Jordanian architect who has taken a simple idea—repurposing stone left over from construction projects—called kutleh (the arabic word for block). While kutleh's projects center around bonding layers of stone into a mass block, clé collaborated with Yaghmour on creating Strata Linea, a tile line of different sized planks that feature the rich variety of leftover, highly sought-after stone.

clé's Strata Linea collection is a new way of blending and layering stones that allow them to reveal the profound beauty of their individual colors and remarkable fossils that have emerged after forming deep within the earth for millions of years. These geologic processes over the long arc of time have created stone in shades from pale white and cream to red, brown, green, grey and gold.

Strata Linea planks are made of stone left over from the production of architectural cladding tiles. The off-cut and surplus material is recycled and reshaped, then gathered into lots rich with color. We've chosen ten types of stone for an array of complementary shades and unique natural patterns.

Strata Linea is sold as bundles in three different plank widths: 3", 4", or 5", with each bundle including a set number of tiles in 12", 18", and 24" lengths. Each bundle features a mix of ten types of stone: travertine, ajloun, jerusalem, sahrawi, ma'an, karak, beirzeit, daba'a, carrara and crema.

clé has worked with Yaghmour to provide the finest quality natural stone tiles available. However, for the best installation, it is important that you hire the highest qualified and experienced natural stone tile contractor for your project.

YOUR TILE INSTALLATION IS ONLY AS GOOD AS YOUR INSTALLER.

INSPECTING YOUR SHIPMENT

- With the Strata Linea collection you will find a polished surface rich with color variation due to the striations and diverse range of tones found in each stone.
- 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.

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 natural stone installer who can provide the exact specifications for your project.
- Please refer to the current edition of the TCNA Handbook for detailed natural stone installation methods for your project's needs.
- 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.

- **IMPORTANT:** Before installing, make sure to lay out your tile and blend so that variations in color and veining are where you would like them to be throughout the installation. Do not install without blending tiles from all boxes.
- To increase slip resistance in wet area applications (especially shower floors), we recommend cutting the planks down to 4"x4", broadening the grout joint size
- on the setting of the pan tiles or vertical staggering of the tile layout. Be sure to have 95% or more adhesive on the back of the tile to ensure the best bond when setting.
- Not all steam shower companies can accommodate stone surfaces so be sure to check with your plumber for an appropriate steam shower supplier.
- Some Strata Linea pieces come with mesh backing for added reinforcement. Follow the standard installation instructions as described in this document.
- * **IMPORTANT:** Strata tiles are not freeze thaw rated. Therefore we do not recommend and cannot warrant installing these outdoors in areas that regularly experience freezing temperatures*

If you plan on installing these outdoors in areas that experience freeze/thaw, we cannot guarantee there won't be installation failures. Installations in freeze/thaw locations require flashing the top of vertical installations to prevent moisture from dripping behind the installation and installing the tiles above grade for horizontal installations. In addition, the installation must be completely sealed and maintained with a water and stain resistant sealant like Miracle 511 Porous Plus.

With application of Miracle Sealant, these tiles can have resistance to freeze/thaw issues. However, oftentimes there are installation failures because the specific installation guidelines and sealant maintenance is not properly followed. But if completed and maintained correctly (see manufacturer's instructions) then you can proceed WITH CAUTION.

If you can comply with all of the above and understand that without the sealant your install won't hold up - then it's up to you to proceed with installing this tile in a freeze/thaw location. We recommend your contractor reach out to both Mapei tech support for installation support and Miracle Sealant tech support on the waterproofing of the tiles.

GROUT GUIDELINES

- clé ONLY recommends Mapei Flexcolor CQ grout for strata installations.
- Use of any other grout types can result in installation issues.
- For natural stone, a wide grout joint is not recommended as it will disrupt the variation and flow of tile color, veining and patterns.
- clé recommends a 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 Mapei Flexcolor CQ color catalogue contains 40 colors to choose from. Visit the [Mapei website](#) to view.
- If you are working with a highly color-variegated tile or a combination of tiles (checkered or otherwise), we recommend that you follow the above recommendations—but match your grout to the color in your varied tile or tile combination that you would most like to accentuate.
- **IMPORTANT:** During grout application, immediately remove any excess grout off the face of the tile with a clean, damp cloth/sponge. If grout is allowed to cure on the face of the tile it could cause grout haze and staining due to the porous nature of the tile.
- 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 resolution.

MAINTENANCE &
SEALING GUIDELINES

- clé only recommends the use of Miracle 511 Porous Plus for an invisible sealant finish.
 - Natural stone should be sealed before and after grouting to maintain their appearance and avoid staining. Please consult with your natural stone installer on what sealing methods are best for your installation.
 - We recommended sealing grout lines and tile surface in all applications (dry and wet) as the final step of installation.
 - For applications in wet areas, specific waterproofing precautions need to be taken such as using a waterproof membrane under the tile and use of a penetrating sealer like Miracle 511 Porous Plus.
 - Steam showers require yearly resealing.
 - Single coat reapplication of the penetrating sealant is required once a year in shower applications due to the continuous exposure to water.
 - For superior water repellency in showers, we recommend applying Miracle 511 Impregnator in addition to Miracle 511 Porous Plus.
 - For showers, opening windows/doors to help some of the moisture dissipate faster after use will help rid extra moisture.
 - PLEASE FOLLOW ALL MIRACLE SEALANT INSTRUCTIONS FOR BEST RESULTS as well as MAINTENANCE UPKEEP RECOMMENDATIONS.*
- * **HINT:** if water and oil do not bead up on the surface of your tiles then the sealant was not applied properly.

CLEANING
GUIDELINES

- The natural stones that make up the strata collection (marble, limestone, travertine, etc.) are chemically sensitive so only mild pH neutral cleaners should be used.
- As with any finely decorated stone product, clé discourages the use of any surface cleansers or scrubbing pads. Cleaning stone requires only mild soap, water and soft cloths.
- Soapless cleaners are preferred because they minimize streaks and film.
- Mild, phosphate-free, biodegradable liquid dishwashing soaps or powders or stone soaps are acceptable if rinsing is thorough.
- Always avoid harsh chemicals and acidic or alkaline cleaning products.
- Showers and baths: soap scum can be minimized by using a squeegee after each use and using liquid as opposed to bar soaps.
- Miracle Tile & Stone Cleaner is effective as an ongoing maintenance cleaner and is gentle for everyday use.
- Vacuum or sweep regularly—abrasive dirt and materials can scratch the surface.
- Non-slip mats or area rugs should be placed inside and outside entrance ways to remove abrasive materials that can scratch and dirty the tile surface. Sand, dirt, and grit do the most damage to natural stone surfaces due to their abrasiveness.
- Dust mop interior floors frequently using a clean, non-treated dry dust mop.
- Interior wall installations can be cleaned with warm water and damp microfiber cloth.
- Grout lines can be cleaned with warm water and a nonmetal bristled cleaning brush.

COLOR AND TEXTURE
VARIATION

Strata linea are rated V4, T1

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:

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

- 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.)