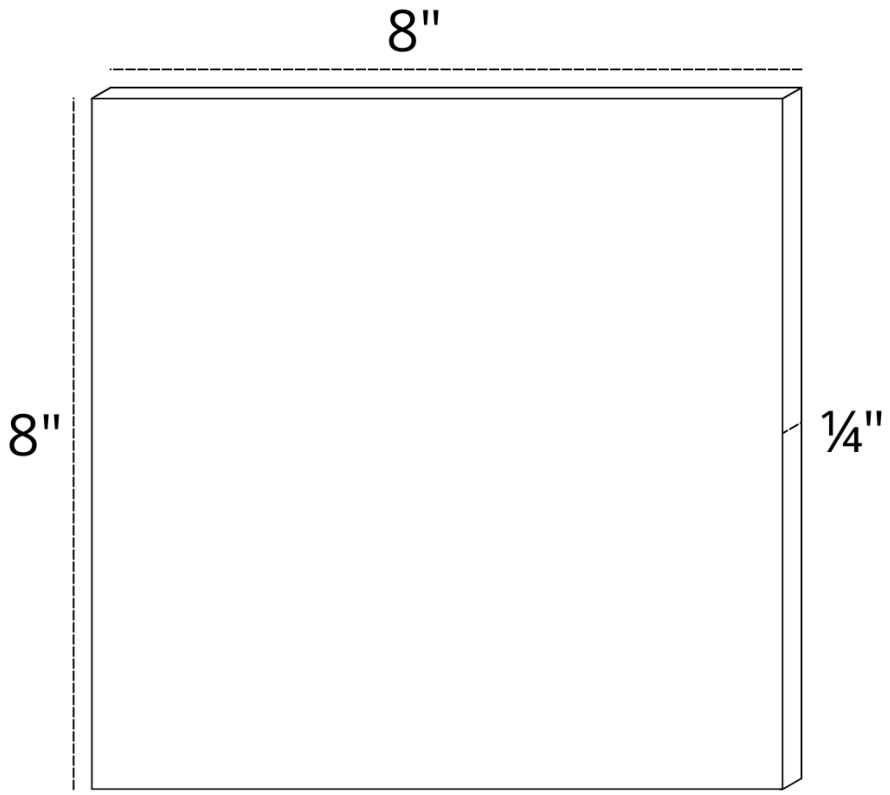
GIOVANNI DE MAIO + CRISTINA CELESTINO



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*	N	N	N	N	N	Y	N	N	N

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

standard thickness for giovanni de maio + cristina celestino is ¼"
please note all dimensions are nominal. please note that dimensions can vary +/- 1/8"
*there are specific installation requirements for this usage.
please review the "installation areas" section below, and discuss with your installer.

GIOVANNI DE MAIO + CRISTINA CELESTINO

you've got something special. celebrated italian architect cristina celestino has collaborated with heritage ceramiche giovanni de maio to create a collection of bold, vivid tiles inspired by the colors, textures and patterns of the mediterranean. each of the five designs is vibrantly presented and created to mix, intersect and come together for storytelling through ceramic. a clé exclusive.

expect variation. due to the handmade craftsmanship of our tiles and the variety of materials used, there will be degrees 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** – giovanni de maio + cristina celestino tiles are screenprinted ceramic. ALSO – dust and shipping residue are to be expected and should be cleaned prior to installing.
- **BLEND BLEND BLEND** – giovanni de maio + cristina celestino tiles 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. 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 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 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 qualities and 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. 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 tile layouts in mock-up form and, allows 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 REQUIRES THIS?** – if you plan to install your tile prior to installing cabinets, fixtures, etc. you'll need to refinish the tile after the 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 lessen 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 walls
  - 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 dry interior floors in areas with light commercial foot traffic
  - radiant heating compatible
- **showers**
  - suitable for use on shower walls
  - not suitable for use in steam showers or saunas (wet or dry)
- **pools, fountains & waterlines**
  - not suitable for use in pools, fountains, or waterlines.
- **freeze/thaw rating**
  - not freeze/thaw rated
- **uv resistance**
  - 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 1/16" grout joint with this collection.
- 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 up to our client and/or their design professional. however, clé is often asked for our opinion on grout color for our tiles. due to the wide array of grout colors now available, clé would like to offer this general guideline on 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 highly color-variegated tiles or a combination of tiles, we recommend you follow the above recommendations—but match your grout to the color in your installation you would like to accentuate.
- we suggest applying sealant or using a grout release prior to grouting if the tile has visible crazing.
- we do not generally recommend using a contrasting grout color with giovanni de maio + cristina celestino tiles. if you choose to use a contrasting grout (i.e. white grout with black tile) please order 20-30% overage in order to cherry-pick the tile of the imperfections that are standard to giovanni de maio + cristina celestino tiles. additionally, make sure to apply a sealer or grout release as a pre-grout treatment to minimize the possibility of the contrasting grout curing in the inherent hairline cracks, pits, and/or chips.
- 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

- giovanni de maio + cristina celestino tiles are sensitive to acids. 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.**

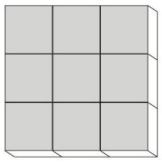
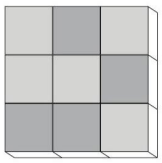
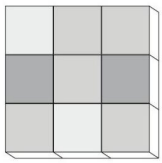
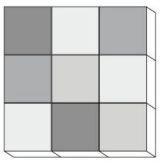
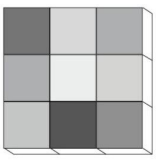
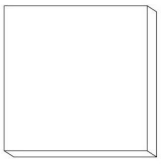
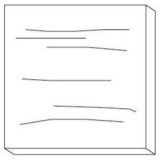
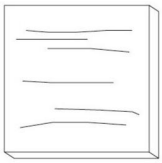
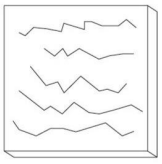
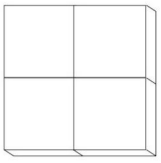
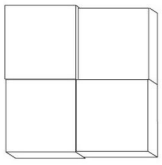
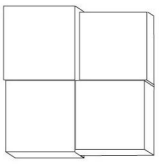
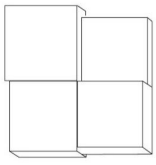
ADDITIONAL SPECIFICATIONS

COLOR, TEXTURE AND SIZE VARIATION

due to the handmade craftsmanship 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”. this makes it unlikely that your sample will be a perfect match to your actual order or that your add-on order will be a perfect match to either.

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

color variation: ‘level 1: low’
texture variation: ‘level 1: smooth’
size variation: ‘level 1: slight’

CATEGORY	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
COLOR VARIATION	 low	 slight	 medium	 heavy	 extreme
TEXTURE VARIATION	 smooth	 slight	 medium	 heavy	n/a
SIZE VARIATION	 slight	 medium	 heavy	 extreme	n/a

FLOOR RATING

giovanni de maio + cristina celestino tiles are rated i (can be used for light residential 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 offices, doctor's offices and boutiques. 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.)

PRODUCT DESCRIPTION

screenprinted and painted ceramic tiles

PRODUCT COMPONENTS

clay

DIMENSIONS

SHAPE	PIECE DIMENSIONS	WEIGHT
SQUARE	20cm x 20cm x 0.64cm (8” x 8” x ¼”)	0.67 kg per tile (1.47 lb)

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

DYNAMIC COEFFICIENT OF FRICTION (DCOF ACUTEST)

Wet DCOF: 0.30 - no 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)

giovanni de maio + cristina celestino tiles are not freeze/thaw resistant.

WATER ABSORPTION (ASTM C373)

17.1%; non-vitreous

ACID RESISTANCE

giovanni de maio + cristina celestino tiles 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, 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.

giovanni de maio + cristina celestino tiles are considered ‘inherently non-emitting sources’ under the low-emitting materials credit of LEEDv4/v4.1. this is currently the only credit for giovanni de maio + cristina celestino tiles 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 I).

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

there is no recycled content in giovanni de maio + cristina celestino tiles at this time.

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.

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, temperatures observed in the testing are typically lower than the temperatures at which ceramic tiles are fired.

giovanni de maio + cristina celestino tiles are ceramic and fall 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.”