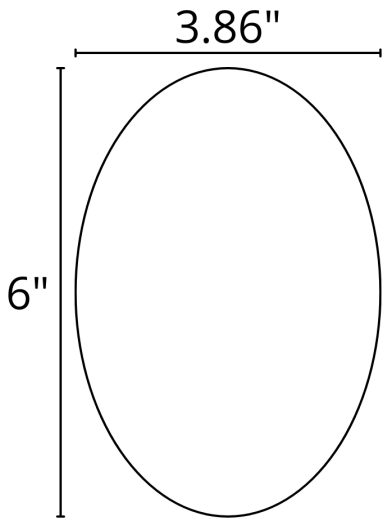
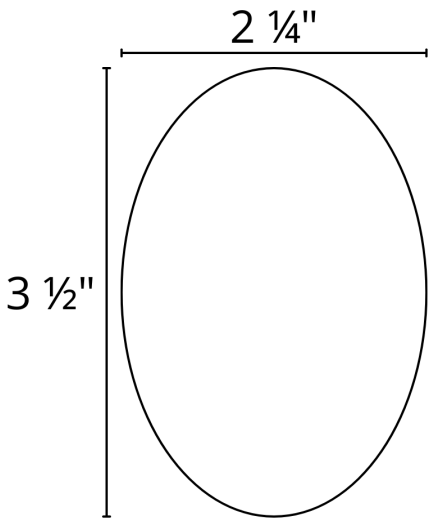
updated:10/15/26

shimmer



large brass sequin



small brass sequin

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.
	N/A	Y	N	Y	N	N	N	N	N	N	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	N	N	N	N	N	N	N/A	Y	Y*	Y*	Y*	N/A

*There are specific installation requirements for this usage. Please discuss with your installer.

shimmer

you've got something special. the shimmer collection features brass sequins that mirror the glistening reflection of the sun skimming the surface of the san francisco bay. they have been the focal point of erica's marin store, ever since it opened in 2010 and were inspired by the brass paillettes from a favorite pouch of hers. architect douglas burnham of envelope a+d brought the idea to life, designing a system of nested brass ovals to create a shimmering, sparkling architectural surface.

made of american brass and fabricated in northern california, the sequins are available in two sizes and come with installation instructions along with brass nails and spacers to set the sequins ⅛" from the wall.

INSPECTING YOUR SHIPMENT

- **WHAT TO EXPECT -** shimmer are american-made brass sequins. ALSO - dust and shipping residue should be expected and cleaned prior to installing. this can be done with a damp sponge followed by a microfiber cloth to ensure the tiles are completely dry, otherwise water spots will appear.
- **BLEND BLEND BLEND** - though shimmer has slight color and shade variation, it is still very important to blend sequins from all boxes and place them in their installation area to ensure you have the layout you want before installing. do not install without blending sequins from all boxes.
- **ORDER EXTRA!** - industry standard suggests adding at least 15% overage due to tile cuts, potential shipping breakage, or future repairs.
- note that oil from fingerprints can stain and tarnish sequins if not promptly cleaned off with a microfiber cloth. to avoid having to wipe down the sequins, we suggest wearing cloth archival gloves while inspecting your shipment and during installation.

INSTALLATION FYIs

- **GENERAL GUIDELINES, NOT INSTRUCTIONS** - clé offers general information about our tiles and their unique qualities and usages. proper installation can only be attained if you select an installer with years of experience with artisan tiles. an installer without experience 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).
- **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 shimmer as late as possible in the project to minimize the risk of damage.

INSTALLATION AREAS

- brass sequins can be installed over: drywall, plaster, plywood and cement fiber backer board.
- brass sequins are only recommended for interior wall applications such as entryways, hallways, accent walls, and fireplace surrounds.
- brass sequins are not suitable for floors.
- brass sequins are non-combustible but can absorb heat and may become hot to the touch. therefore, it is at your discretion to install brass sequins on a fireplace surround.
- brass sequins are not suitable for installations near burners or wet areas.

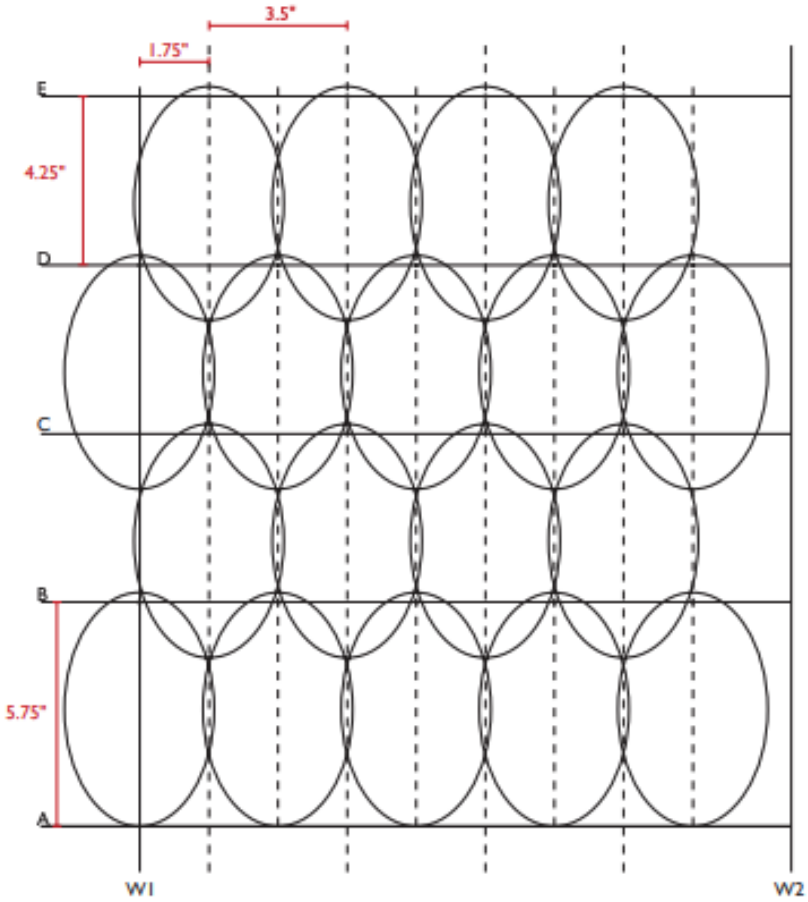
HOW TO INSTALL

- test your substrate to make sure you are able to drive a ¾" brass nail into the surface. keep in mind—you will be driving between ten to thirty nails per square foot into your substrate.
- sequins can be installed on modular plywood panels if you prefer not to hammer directly into your walls. for this application you need to secure the plywood panel to the underlying framing (studs).
- there are many ways to layout and install the shimmer collection. however, we have provided instructions below for a standard offset pattern that will create a fish scale like appearance.
- to lay out the brass sequins, you will need to measure out a multi-row grid with points showing where to drive in nails and hang tiles on your wall.
- the directions below start with laying out the base and exterior lines of the grid (bottom, left and right sides) then provide measurements to space out horizontal rows moving through the installation from bottom to top. lastly, we provide measurements for marking points to guide spacing the sequins within the rows you have just made. see the drawings below for visual reference. if your space doesn't allow for the sizing in the drawing, simply adjust the sequins as needed to fit your space.

LARGE SEQUIN INSTALLATION

- start by making the base (bottom) of your grid. make a level horizontal line at the bottom of your installation that runs from the left edge to the right edge of the installation area. label this line “a”.
- measure and mark 2" in from the left edge of the line. your left “wall” and bottom line meet here.
- next, define the left wall of your installation by making a plumb vertical line that runs from the top to the bottom of your installation area.
    - this line should meet the 2” mark that was just made on the bottom line of the installation.
    - these lines should form an l and a right angle.
    - label this line “w1”.
- next, define the right wall of your installation by making a plumb vertical line that runs from the top to the bottom of your installation area.
    - this line should intersect with the right end of your bottom line forming a right angle.
    - label this line “w2”.
- next, measure the first row of your grid.
- on the left line (w1) of your grid measure 5 ¾" up from your base line (line a) and make a mark.
    - label this line “b”.
- repeat step 5 on the right line of your grid. you should now have one mark on the left and one on the right which are parallel to each other.
- next, using a ruler or chalk line draw (or snap) a line between the two points you have just made.
    - this should make a level horizontal line and form your first and tallest row.
    - all other rows will be shorter which will allow the sequins to overlap.
- measure the rest of your rows. starting from line b mark on the left “wall”(line w1) measure and mark every 4 ¼" until you reach the top of your installation.
- repeat step 9 on the right “wall” (line w2) of your installation.
- using a ruler or chalk line, draw or snap lines between parallel points on line w1 and line w2 moving from the bottom to the top. these lines will form 4 ¼" rows. the grid should now look like ruled notebook paper with one tall row at the bottom.
- next, mark out the 3 ½" spacing between the nails on the horizontal lines where each sequin will hang.
- begin at the bottom of the installation and move to the top so the sequins overlap.
- sequins will be hung every 3 ½" and rows will be offset.
- the first point where a sequin will hang is the intersection of line b and line w1.

- for the second point, measure 3 ½" to the right of the first and make a mark.
- you will now measure and mark every 3 ½" until you reach line w2 and the row is complete.
- the next row (line c in the diagram) will be offset from the first. to achieve this, measure 1 ¾" to the right of line w1 and make a mark.
- for the second point on line c measure 3 ½" to the right of the first and make a mark.
- you will now measure and mark every 3 ½" until you reach line w2 and the row is complete.
- for the next row (line d in the diagram) the first mark will be made directly line w1.
- repeat the same spacing and marking from steps 19 and 20 (the same as steps 16 and 17) until you reach line w2 and the row is complete.
- you've now begun to establish your offset layout by alternating where the first sequin will be placed on each row.
    - think of this as an a, b pattern.
    - if your last row started directly on line w1 your next row will start 1 ¾" to the right of line w1.
- continue marking the placement of sequins in your rows until you reach the top of your installation.

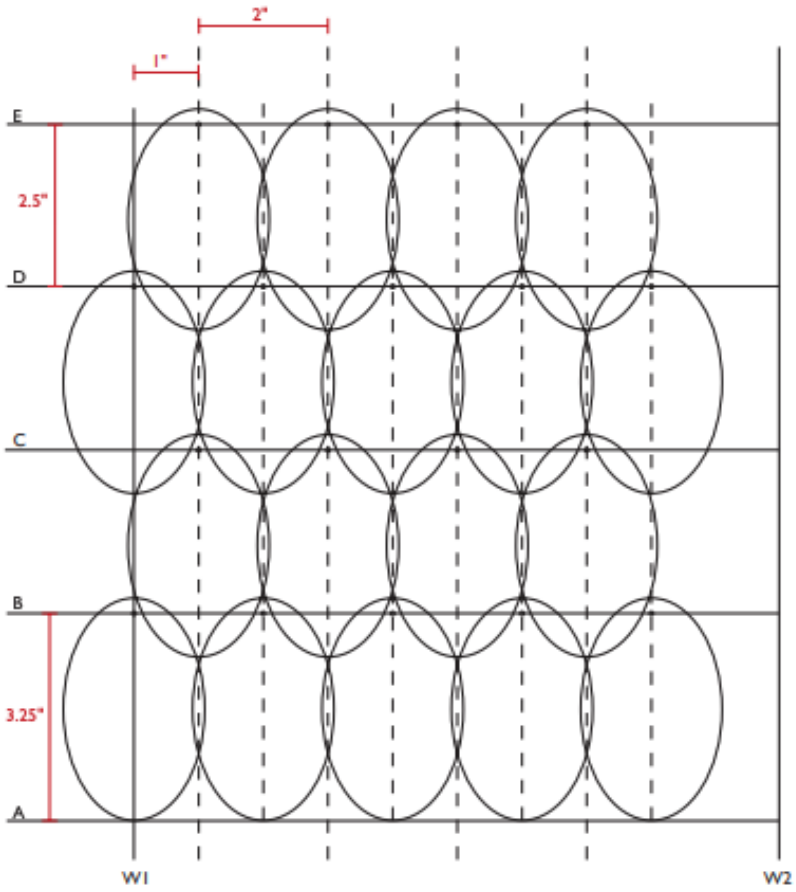


* if your space doesn't allow for this sizing, simply adjust the sequins as needed to fit your space.

SMALL SEQUIN INSTALLATION

- start by making the base (bottom) of your grid. make a level horizontal line at the bottom of your installation that runs from the left edge to the right edge of the installation area. label this line “a”.
- measure 2" in from the left edge of the line and make a mark. this mark will be where your left “wall” and your bottom line meet.
- next, you will define the left wall of your installation by making a plumb vertical line that runs from the top to the bottom of your installation area.
    - this line should meet the 2" mark that was just made on the bottom line of the installation.
    - these lines should form an l and a right angle.
    - label this line “w1”.
- next, define the right wall of your installation by making a plumb vertical line that runs from the top to the bottom of your installation area.
    - this line should intersect with the right end of your bottom line forming a right angle.
    - label this line “w2”.
- next, you will measure the first row of your grid.
    - on the left line (w1) of your grid measure 3 ¼" up from your base line (line a) and make a mark.
    - label this line “b”.
- repeat step 5 on the right line of your grid. you should now have one mark on the left and one on the right which are parallel to each other.
- next, using a ruler or chalk line draw (or snap) a line between the two points you have just made.
    - this should make a level horizontal line and form your first and tallest row.
    - all other rows will be shorter which will allow the sequins to overlap.
- measure the rest of your rows. starting from line b mark on the left “wall” (line w1) measure and mark every 2 ½" until you reach the top of your installation.
- repeat step 9 on the right “wall” (line w2) of your installation.
- next, using a ruler or chalk line, draw (or snap) lines between parallel points on line w1 and line w2 moving from the bottom to the top. these lines will form 2½" rows. your grid should now look like ruled notebook paper with one tall row at the bottom.
- next, mark out the 2" spacing between the nails on the horizontal lines where each sequin will hang.
- begin at the bottom of the installation and move to the top so the sequins overlap.
- sequins will be hung every 2" and rows will be offset.
- the first point where a sequin will hang is the intersection of line b and line w1.

- for the second point measure 2" to the right of the first and make a mark.
- you will now measure and mark every 2" until you reach line w2 and the row is complete.
- the next row (line c in the diagram) will be offset from the first. to achieve this, measure and mark 1" to the right of line w1.
- for the second point on line c measure 2" to the right of the first and make a mark.
- you will now measure and mark every 2" until you reach line w2 and the row is complete.
- for the next row (line d in the diagram) the first mark will be made directly line w1.
- repeat the same spacing and marking from steps 19 and 20 (the same as steps 16 and 17) until you reach line w2 and the row is complete.
- you have now started to establish your offset layout by alternating where the first sequin will be placed on each row.
    - think of this as an a,b pattern.
    - if your last row started directly on line w1 your next row will start 1" to the right of line w1.
- continue marking the placement of sequins in your rows until you reach the top of your installation.



* if your space doesn't allow for this sizing, simply adjust the sequins as needed to fit your space.

SETTING SEQUINS

- now that you have made your grid and marked out where your sequins will hang, is it time to attach them to the wall.
    - for the tiles overlap correctly you must start from the bottom and work your way up the wall.
    - you will drive your nails into the marks you have made on the horizontal lines of your grid.
    - place a washer behind the sequin and drive the pin through the hole in the sequin and washer into the wall.
    - each row will overlap the next. continue moving up the wall, row after row, until your installation is complete.

GROUT & SEALANT GUIDELINES

- this installation does not require grout or sealant. the brass sequins from the shimmer collection are held in place with ¾" brass escutcheon pins and washers.

WET AREA APPLICATION

- brass sequin tiles should not be installed in showers, steam showers or wet room style bathrooms.

PATINA & SHIMMER MAINTENANCE

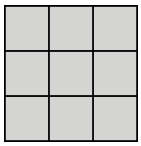
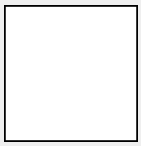
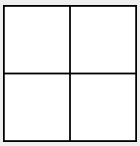
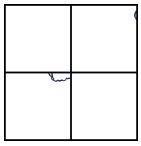
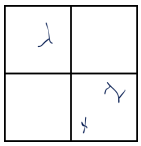
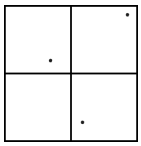
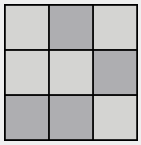
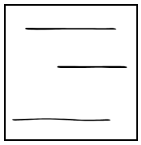
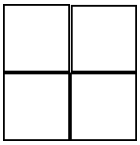
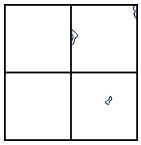
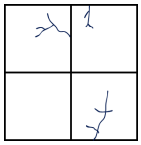
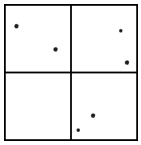
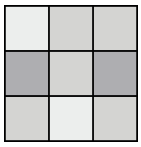
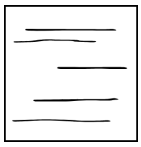
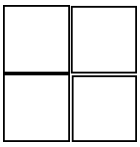
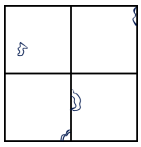
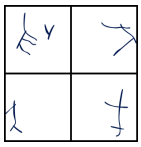
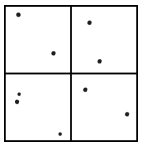
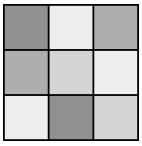
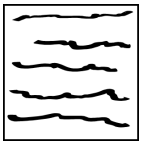
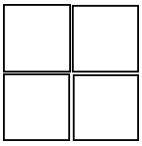
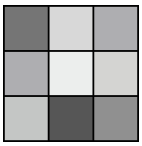
- ‘patina’ refers to the natural and, usually, unavoidable fading, darkening, muting or other signs of aging. patina is a thin layer that forms on the surface of stones, leathers, metals, clays, cements and woods that creates a protective coating. patina is a wear and polish enhanced by age and exposure derived from oxidation and other chemical introductions. these effects create a softer appearance in both color and character. patina is a finish celebrated worldwide, known as an ‘antique luster’. an inherent part of brass tile installations, it is a reason why metal tiles are specified for so many projects requiring a surface that ages beautifully.
- note that brass will patina over time. often, clients mistake the wearing of their installation as staining, however, this worn appearance indicates the early stages of patina forming. brass sequin tiles will slowly develop a natural patina as the installation is maintained and naturally wears.
- polishing or removing patina from brass sequins can be done using brasso or bar keeper’s friend.
- polishing products should be applied to a sponge or cloth rather than directly on the sequins, always follow manufacturer's instructions when applying and using cleaners. we recommend testing products in a small area before proceeding to use them over the entire installation.
- brass tiles require minimal maintenance.
- clean using soft materials, like a cloth, instead of coarse materials.
- brass sequins should be dusted and do not typically require liquid cleaners.

additional specifications

COLOR, TEXTURE AND SIZE VARIATION

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

brass sequins are rated 'level 2 slight' for color variation, 'level 1 smooth' for texture variation, and 'level 1 slight' for size variation.

COLOR VARIATION	TEXTURE VARIATION	SIZE VARIATION	PITS / CHIPS	CRACKS / CRAZING	IRON SPOTS
SLIGHT	**SMOOTH**	**SLIGHT**	**N/A**	**N/A**	**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

n/a—brass sequins are for interior wall applications only.

PRODUCT DESCRIPTION

wall-mounted brass sequins.

PRODUCT COMPONENTS

brass.

DIMENSIONS

SHAPE	DIMENSIONS	WEIGHT
LARGE BRASS SEQUIN	15.2 cm x 9.8 cm (6” x 3.86”)	.08 kg per tile (.18 lb)
SMALL BRASS SEQUIN	8.9 cm x 5.7 cm (3.5” x 2.25”)	.03 kg per tile (.06 lb)

our large and small brass sequins are made from 20 gauge brass (0.0375"). when installed directly to the wall the installation will protrude roughly ⅛” (with spacers, tile and nailhead).

AVERAGE COEFFICIENT OF FRICTION (DCOF ACUTEST)

“Wet Dynamic Coefficient of Friction” (DCOF) testing is not performed as this is strictly a wall tile.

FREEZE/THAW RESISTANCE (ASTM C1026)

brass sequin is freeze/thaw rated but we don’t recommend exterior applications.

WATER ABSORPTION (ASTM C373)

N/A

ACID RESISTANCE

brass sequin tiles are not resistant to acids.

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.

brass sequin 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 brass sequin tile 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 ceramic tiles can withstand the test of time while remaining timeless.*

RECYCLED CONTENT

there is no recycled content in our brass sequin tiles 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 brass sequin tiles at this time. see material sourcing disclosure above.