

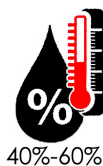


Installation Guide

Customer Inspection

Customer is responsible for inspecting the mosaic upon receipt, and properly storing the mosaic prior to installation. Artaic is not liable for mosaic issues including but not limited to mosaic damage, grout offset, loss of polymer adhesiveness, etc., thirty (30) days after customer receipt of the mosaic. In the event that replacement mosaic is requested for any reason more than thirty (30) days after customer receipt of the original mosaic, the customer must purchase replacement sections at current pricing. Matching tile color and finish to the original mosaic cannot be guaranteed.

Storage



Caution

THIS BOX CONTAINS

MOISTURE & TEMPERATURE SENSITIVE CONTENT

If the mosaic will be stored prior to installation, Artaic recommends the following guidelines:

Artaic tile itself is impervious to heat, sunlight, and humidity

To protect the mounting of the tile onto sheets, and especially if tile is Face Mounted on Clear Polymer (FMCP) or Face Mounted on paper (FMP)

- Keep dry
- Storage temperatures of 60-80 degrees Fahrenheit and 40-60% relative humidity
- Do not expose to direct heat or sunlight
- Installation must take place within one (1) year to ensure best polymer results

Dry-lay the mosaic and make sure everything lays out and fits properly. When dry-laying individual sheets (e.g. layout on floor before installation) – be sure the floor surface is clean and not releasing humidity, which can reactivate the tile sheet mounting adhesive (i.e concrete or porous surfaces)

Installation Tools

Primary Installation Tools



Notched Edge
Trowel Suggested:
1/6", 1/8" or
3/16" Notch



Rubber Grout Float



Microfiber Sponge



Razor Blades



Water Buckets



Paint Brush Or Roller ***

Installation Materials

Setting Material



Cementitious or epoxy-based
thin-set material

Suggested:

Glass Tile:
BOSTIK GLASS-MATE™
Porcelain & Stone Tile:
BOSTIK REFLEX®
LATICRETE™
MAPEI™

*** For Exterior or
Submerged Applications

Grout



Unsanded cementitious,
epoxy or urethane-based

Suggested:

BOSTIK TRUCOLOR® RAPID-
CURE™
DIMENSION® RAPIDCURE™
HYDROMENT VIVID™
EZPOXY EZCLEAN™

Water-Proofing/Anti-fracture



Suggested:

BOSTIK GOLDPLUS™

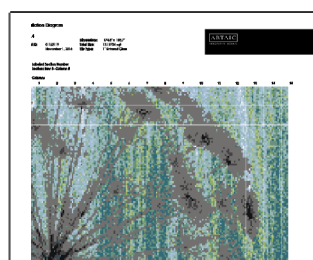
*** Required if the mosaic is
to be installed on a surface
submerged in water, or anti-
fracture or crack isolation
properties are necessary

Artaic Installation Materials

Installation Guide



Installation Diagram



Tile on Sheets



Labeled sheets of Artaic mosaic
tile and the provided installation
diagram. Both are labeled row
then column and top to bottom

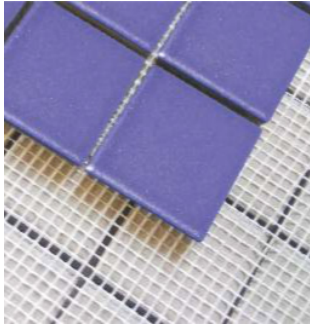
Artaic Tile Repair Kit



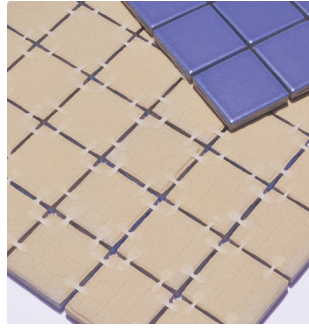
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Mounting Options



Back Mounted on Mesh
(BMM)



Back Mounted on Linktec
(BML)



Face Mounted on Paper
(FMP)



Face Mounted on Clear Polymer
(FMCP)

Back Mounted on Mesh (BMM)

With this method, fiberglass mesh is glued onto the backside of the mosaic sheet. This method is proven and cost effective. Available with waterproof glue

Advantages

- Cost effective
- Front side visible during installation
- Easy and faster installation

Back Mounted on Linktec (BML)

"Linktec" is state of the art innovative technology for the assembly of mosaics. With this method, robots extrude polyurethane links on to the backside of a mosaic sheet. This method is preferred for submerged applications

Advantages

- Water resistant
- Weather resistant
- Enables better intactness
- Front side visible during installation
- Easy and faster installation

Face Mounted on Paper (FMP)

With this method, paper mesh is glued to the front face of the mosaic with water soluble glue. Wetting the paper releases the tiles. Papering is the conventional method used for assembling mosaic into sheets

Advantages

- Environmentally friendly
- Cost effective
- 100% of tile backside surface exposed for adhesion
- Best possible finishing

Face Mounted on Clear Polymer (FMCP)

With this method, clear polymer adhesive protective film is adhered to the front face of the mosaic. During installation, the film is peeled away from the tiles to release them

Advantages

- Front side visible during installation
- High Performance
- 100% of tile backside surface exposed for adhesion

Installation

Installation Notes

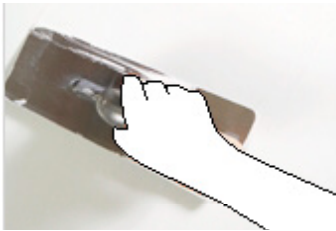
- All Artaic mosaic installations should follow the applicable TCNA and ANSI installation standards for each installation
 - It is the installer's responsibility to determine the condition and suitability of all surfaces before application
 - If tape is adhered to the front face of the mosaic sheets. DO NOT install this side into the setting material
 - Carefully read all instructions before starting installation
 - Please read and follow all specific installation product guidelines and specifications
 - Installation should be performed in air temperatures between 41 °F minimum and 86 °F maximum
 - Remember the spacing between sheets should equal the tile joint spacing
 - The mosaic installer should use their best judgement and test the install on a small section of the substrate to gauge results. The tile material, substrate and wall preparation can all affect which trowel size will be best for the installation
 - Client or their installer should preview WARRANTY 10.1 By Artaic – Goods & Services. Artaic warrants that the Deliverable(s) furnished under this agreement shall materially conform to the Project Proposal and will be free from defects in material or workmanship. Artaic warrants that the Service(s) will be performed in a professional and workman-like manner. In the result of any breach, Artaic must be given the opportunity to cure defects related to merchantability or workmanship, which must include, but is not limited to, providing reasonable notice in writing within thirty (30) days, and Artaic will be afforded thirty days (30) to cure the breach plus any required shipping time if needed. If shipping is required, standard shipping and lead times will be used. Notification in writing shall include photographic documentation of defects, and final determination made solely by Artaic. Client should preview their mosaic upon arrival to the worksite, and make any claims before installation commences
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0. PREPARATION & SUBSTRATE

- Carefully assess the installation surface remembering that different substrates can require different preparation. Artaic recommends a level 5 surface finish before commencing installation
- Installation surface should be a smooth uniform plane. Installation on a varied surface will be difficult and will cause undesirable results. The installation surface must be smooth and clean to ensure proper installation
- For newly built wall applications, the wall's drywall is an adequate substrate to receive the mosaic
- For existing wall or floor applications where the surface is structurally questionable or has a highly varied plane that will compromise the mosaic installation, add a layer of backer board, such as Durock, to serve as the substrate to receive the mosaic
- If possible, dry fit mosaic sheets and inspect before installing
- Artaic has an extensive QC process. Tile is inspected prior to fabrication; inspected during fabrication and the completed 1' x 1' sheets of mosaic are reviewed against the approved digital design. Occasionally damages to the tile may occur during the shipping process. If the installer comes across overly chipped tiles these should be removed and replaced using the Artaic repair kit sent with the mosaic

Installation

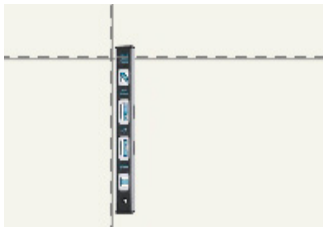
1. SKIMMING



- It may be necessary to apply a thin layer of patching compound on the surface. Maximum allowable variation is 1/8" in 10 feet from the required plane, with no more than 1/16" variation in 24" when measured from the highest point in the surface.
- Allow 12 hours to dry if a layer of patching compound is applied.

NOTE: A waterproofing/anti-fracture membrane needs to be applied to the uniform surface if the mosaic is to be submerged in water, or if anti-fracture or crack isolation properties are necessary. This typically consists of rolling or spraying a liquid, rubbery membrane onto the uniform surface prior to mosaic installation. Please follow manufacturer's instructions on waterproofing membrane application.

2. GUIDE LINES



- Measure the space in which the mosaic is being installed to determine the best fit for your tile.
- Use a straight edge and level to help you align the tile as you work.
- For large installations a laser level and chalk lines are required.
- Construct a grid on the substrate that is equal to 3 sheets by 3 sheets (9 sheets) of mosaic area.

NOTE: Be sure to account for the spaces between each sheet of tile when measuring.

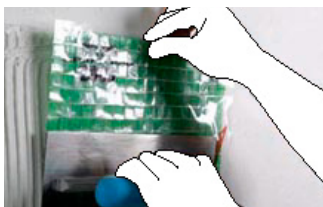
3. APPLYING SETTING MATERIAL



- Mix setting material.
- Key in mortar: apply setting material with the smooth edge of a trowel to a section no larger than one section of the grid.
- Combing mortar: create even parallel ridges in the setting material by "combing" the material with the notched edge of the trowel.
- Please reference installation material manufacturer technical data sheets for Installation instructions.

NOTE: Do not allow setting material to skin over while installing mosaics.

4. INSTALLING



- The sheets of mosaic may be Face Mounted on Clear Polymer (FMCP)) on the front face of the tile. This allows the mosaic design to be seen during installation. Face Mounted on Paper (FMP) may also be used. If present, polymer or paper faces out.

5. SECURING SHEETS



- It is important to create a secure bond between the tiles and the setting material.
- Using the float tool tap and press across the surface to adhere the mosaic securely.
- This ensures the final exposed plane of the mosaic is consistent and uniform in height.

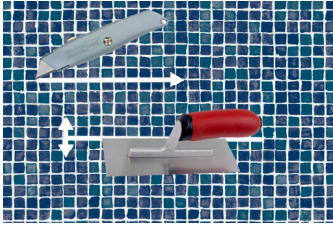
NOTE: The first few sheets of the installation are critical. Install and quickly remove to measure coverage on the backside. Adjust your process as needed to achieve good coverage on the backside of every single tile.

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Installation

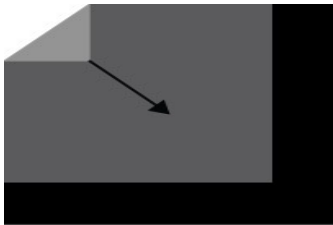
6. ADJUSTING THE SPACING



- This can be a time consuming process, but is important to ensure a professional installation
- Adjust while material is still wet
- Adjust any tiles that are uneven and ensure that all gaps are of equal width and height. Do this by cutting through and tile mounting (such as the polymer or mesh) and moving tiles with a small trowel

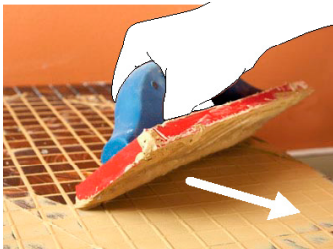
NOTE: Remember the spacing between sheets should equal the tile joint space so the eye can't see the spaces between sheets. The mosaic should appear continuous

7. REMOVING POLYMER, FACE-MOUNTED TAPE (not applicable to Back Mounted Linktec or Back Mounted Mesh)



- Pull the tape away in a diagonal motion off of the tile
- Do not pull the polymer directly away from the tiles. Pull back along the surface of the tile reducing the force pulling tiles away from the adhesive
- Note that if you had to adjust any spacing of the tiles by cutting the polymer tape, there may be strips or squares of polymer tape that are get left behind after removing the larger sheet of tape. Make sure to inspect for this
- Face Mounted Paper (FMP) releases when soaked with water and falls away. You can adjust tiles while adhesive is still moldable

8. GROUTING



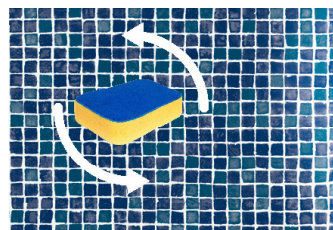
- Before applying grout be sure that the mosaic surface is clean and all clear tape is removed from the tiles. Grout can be applied to a clean, dry surface
- Thorough cleaning may involve removing excess setting material from the mosaic's joints with a knife, as well as cleaning off all dust and particles
- Spread from the bottom up in a diagonal direction using a Rubber Grout Float. Squeegee in the opposite direction
- Please reference the installation product's technical data sheets for installation instructions
- It is important to follow the installation product's technical data sheets for cleaning instructions as some products are clean as you go and some are not

9. EDGE FINISHING AND EXPANSION JOINTS



- Expansion joints should be installed at all "changes in plane" of the mosaic and where the mosaic meets an adjoining surface, such as in a corner. Fill these space(s) with a silicone caulking sealant in place of grout to create expansion joints at these locations
- Follow TCNA Movement joint specifications EJ171
- Schluter edge systems are recommended
- See Edge Finishing for further information

10. CLEANING



- The mosaic should be ready to be cleaned about 30-60 minutes after grouting.
- Use a microfiber sponge and clean water and scrub in a circular motion, removing excess grout and smoothing all joints. Continue to wipe down the tiles until clean

NOTE: Cleaning methods vary based upon the type of grout used in the installation. For example, a urethane grout must be cleaned earlier and more frequently than cementitious grout. Please follow the cleaning instructions provided by the grout manufacturer

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Supporting Materials

[Edge Finishing Guide](#)

[Bostik Grouting Materials Guide](#)

[Backlit Installation Guide](#)