

Mannington Accent Gallery Glass & Stone Blends, Glass Accents and Antiquity Series - Pinwheel Pattern

STANDARD INSTALLATION INSTRUCTIONS

STORE TILE IN A CLEAN, DRY LOCATION. DO NOT STORE IN DIRECT SUNLIGHT FOR EXTENDED PERIODS OF TIME.

Before beginning installation, inspect and approve all materials and carefully read these instructions. Due to the handcrafted nature of our glass tile, there may be variations in color, shade, texture and size. Frequently you may notice bubbles, wrinkles and folds, which are characteristics of a glass product. If these are unacceptable, DO NOT INSTALL THE GLASS TILE. Use of the tile constitutes full acceptance. No adjustments will be made after the tile has been installed. Failure to follow our installation instructions voids our warranty and any claims related to our products.

1. SETTING MATERIAL and TROWEL: Install using only a true-white thin-set recommended by its mfr. for glass tile. Gray thin-set should be avoided because it will dull the appearance of the tile's color. Test your thin-set before you begin to ensure that it cures white enough for your installation. We recommend a professional grade **1/4" x 3/16" V-Notched Trowel**.

We recommend the following products. Follow the mfr's instructions regarding use of their product.

Custom Building Products 800-272-8786 – www.custombuildingproducts.com

Premium Plus Thin-Set Mortar mixed with Custom Flex Ultra-Strength Latex Additive. Or Custom MegaFlex Ultimate Thin-set Mortar (no latex additive required). Or Non-Sag Mortar mixed with Custom Flex Ultra-Strength Latex Additive.

Laticrete 800-243-4788 – www.laticrete.com

317 Thin-Set mixed with Laticrete 333 Super Flexible Additive.

TEC 800-832-9023 – www.tecspecialty.com

Super Flex-Premium Latex Modified Thin-Set Mortar (no latex additive required). Or Full Set Plus Premium Thin-Set Mortar mixed with ExtraFlex Premium Acrylic Mortar Additive.

Mapei 800-426-2734 – www.mapei.com

Kerabond Premium Floor and Wall Thin-Set Mortar mixed with Keralastic Premium Latex Additive.

UNACCEPTABLE SETTING MATERIALS: Epoxy thin-sets and grouts, and mastic adhesives.

2. SUBSURFACES and MOVEMENT JOINTS: Proper installation of tile is dependent on proper installation of substrates and movement joints. We recommend using the Tile Council of North America's specifications concerning substrates and movement joints. Correctly installed concrete, masonry or cement backer board may be used as sub-surfaces; gypsum board may be used on dry interior walls only. Plywood or similar wood products may never be used as a subsurface. Flexible sealant/caulk shall be used anywhere tile work abuts retaining surfaces, such as perimeter walls, inside corners, dissimilar floors, curbs, counters, columns, pipes, ceilings, cabinets or any projection through the tiled surface. Due to the nature of our glass accents, we do not recommend installing tile directly on top of membrane, because shadowing may show through. Your subsurface should be white, flat, smooth, clean and ready to receive tile. **NOTE:** When using latex Portland cement as a bond coat over cement mortar beds, a 7 to 10 day cure-time is needed prior to the application in order to avoid bond loss or cracking in the finish veneer due to possible shrinkage in the substrate.

Tile Council of North America: www.tileusa.com

3. TILE CUTTING: A standard wet-saw with a diamond blade meant for porcelain or glass tile will cleanly cut our glass mosaics and may be used for trimming. Hand nippers may be used also when cutting in.

4. INSTALLATION: Step 1: Follow the mfr's instructions and remember that the consistency of the thin-set is critical to a successful installation. In general, thin-set should be stiff enough to adhere to an upside down trowel but wet enough so that when touched it sticks to your finger. **Step 2:** Using the unnotched side of the trowel, key in a skim coat of mortar over your substrate. This is similar to priming a wall before painting. **Step 3:** Apply additional thin-set with the notched side of the trowel held at a 45 degree angle. Comb lightly in one direction. **Step 4:** With a **very light touch**, use the UNNOTCHED side of the trowel to smooth out the trowel grooves in the thin-set. Our Glass Accents are translucent so trowel grooves must be flattened or they will show through. Try not to remove any mortar. Apply additional thin-set if needed. The goal is to create a smooth, even bed approximately 3/32" thick (not less than 1/16"; not more than 1/8"). **Step 5:** Wipe the underside of each sheet, using a clean, dry cloth to remove residual dust. Check to ensure that you are using the correct amount of thin-set. The thin-set should make full contact with the tile and squeeze up the side of the tile slightly. **Please Note:** For the glass accents, make sure that the tape facing is up (or out) when you install each liner or sheet. **Step 6:** Work an area no larger than can be tiled while the thin set is moist and tacky (approx. 10 sheets/liners). Take care not to leave visible sheet patterning. Properly aligned sheets will blend together. Hand press each sheet evenly into the thin-set, then use a flat beater board (e.g. a 12" piece of clean 2" x 4") and a hammer to **gently tap** the sheets for a final set. Overlap the beater board across joints to ensure a uniform, flat transition from sheet to sheet. **Step 7:** In the case of the Glass Accents, always remove the tape from the previous days work before continuing. However, allow the thin-set to cure completely per the mfr's instructions before grouting. **Step 8:** Remove tape by grasping an edge and, keeping as low an angle as possible, pull it

backward toward you. You can cut the tape along a grout line, creating narrower and easier to remove strips. Because the adhesive is water soluble, a dampened sponge may be used as an aid to facilitate tape removal.

5. GROUT: We recommend a polymer modified sanded grout from one of the above mfrs that is mixed according to the mfr's instructions and recommended for glass tile. Colored grout will impart color variation to the translucent glass. **Step 1:** Apply grout as is typical and as a final step, using a well-wrung sponge, **LIGHTLY** wipe the surface of the tile, moving diagonally across the grout lines. Remove as much residue and haze as possible. Leaving the tile clean at this stage will circumvent the need for heavy cleaning later. After each pass, rinse and wring the sponge -- a clean sponge is critical at each pass. **Step 2:** 48 hours after installation, polish the tile clean using cheese cloth and, if necessary, clean with a non-acidic grout cleaner available at most home improvement or tile stores applied with a standard kitchen Scotchbrite pad. Use according to the mfr's instructions. **Step 3:** You can use a sulfamic acid cleaner applied with a Scotchbrite pad to remove any stubborn residue. Use according to the mfr's instructions.

6. CARE AND MAINTENANCE: Our glass mosaics are non-porous. A grout sealer should be used to seal your grout. Use according to the mfr's instructions. Clean the tile using soap & water or a non-abrasive, non-corrosive cleaner (e.g. Windex, Fantastic, All-purpose citrus cleaner) applied with a sponge, a standard kitchen Scotchbrite pad or a nylon-bristle brush.

Mannington Accent Gallery Metal Tile and Patchwork Series - Border

STANDARD INSTALLATION INSTRUCTIONS

STORE TILE IN A CLEAN, DRY LOCATION. DO NOT STORE IN DIRECT SUNLIGHT FOR EXTENDED PERIODS OF TIME.

Before beginning installation, inspect and approve all materials and carefully read these instructions. Always inspect the product for unintended flaws that are not part of the fashion or style of the metal tile. If these are unacceptable, DO NOT INSTALL THE METAL TILE. Use of the tile constitutes full acceptance. No adjustments will be made after the tile has been installed. Failure to follow our installation instructions voids our warranty and any claims related to our products.

1. SETTING MATERIAL and TROWEL: Install Real Metal Tile using a high-quality, polymer modified thin-set. We recommend a professional grade **1/4"x1/4" notched trowel**. We recommend the following manufacturers products. Follow the mfr's instructions regarding use of their product.

Custom Building Products 800-272-8786 – www.custombuildingproducts.com

Laticrete 800-243-4788 – www.laticrete.com

TEC 800-832-9023 – www.tecspecialty.com

Mapei 800-426-2734 – www.mapei.com

UNACCEPTABLE SETTING MATERIALS: Epoxy thin-sets and grouts, and mastic adhesives.

2. SUBSTRATE and MOVEMENT JOINTS: Proper installation of tile is dependent on proper installation of substrates and movement joints. We recommend using the Tile Council of North America's specifications concerning substrates and movement joints. Correctly installed concrete, masonry or cement backer board may be used as substrates; gypsum board may be used on dry interior walls only. Plywood or similar wood products may never be used as a substrate. Flexible sealant/caulk shall be used anywhere tile work abuts retaining surfaces, such as perimeter walls, inside corners, curbs, counters, columns, pipes, ceilings, cabinets or any projection through the tiled surface. Due to the nature of our metal tile, keep this product over six inches from an open flame. Areas of concern would be steam rooms, fireplace surrounds and backsplashes behind cooktops. Your subsurface should be flat, smooth, clean and ready to receive tile. **NOTE:** When using latex Portland cement as a bond coat over cement mortar beds, a 7 to 10 day cure-time is needed prior to the application in order to avoid bond loss or cracking in the finish veneer due to possible shrinkage in the substrate.

Tile Council of North America: www.tileusa.com

3. TILE CUTTING: A standard wet-saw with a diamond blade will cleanly cut our metal tile. However, once cut, the newly exposed metal must be lightly edge-sanded to debur the metal.

4. TILE SETTING: Install the Accent Gallery Metal tile as you would any porcelain tile.

5. GROUT: Always perform a test before grouting. Depending on the type of Metal Tile that is being installed, please follow the instructions below:

For the Brushed Stainless Steel, Antique Copper and Black Stainless Steel: We recommend polymer modified non-sanded grouts that are mixed according to the mfr's instructions. Be careful not to scratch the metal with the non-sanded grout. The colored metals can be damaged and the color removed by over-rubbing during the grouting process. Perform a test to see if the grout will scratch the metal on a loose piece before proceeding with the installation. Epoxy grouts and pre-mixed grouts are not recommended with Antique Copper or Black Stainless Steel because they can chemically damage the surface. This reaction can also stain the grout.

For the Metal Liners, 3" x 3" Inserts and the Patchwork Border: We recommend polymer modified sanded grouts that are mixed according to the mfr's instructions. The sanded grout will not injure the integrity of the finish. This is an enormous advantage for installation. However, it will create minor surface abrasion, which can largely be erased with an application of ordinary floor wax. This is similar to the kind of abrasion and upkeep common with vinyl tile or linoleum. Follow the manufacturer's instructions regarding use of their product

In both instances a grout sealer is recommended.

UNACCEPTABLE GROUTING MATERIALS: Epoxy Grouts

6. CARE AND MAINTENANCE: Regular cleaning with a neutral tile cleaner and a soft cloth or sponge is recommended. Use cleaning products that don't leave a residue behind. Rinse with a soft wet cloth. Buff dry with a soft cloth. Do not use acids or cleaners containing acids or oils, corrosive chemicals, or abrasive cleaners. Do not use ammonia based cleaners on copper.

When the is installed in wet areas we recommend that After cleaning, we recommend applying a coat of wax, which restores the original beauty of the product and offers additional protection. Any paste or liquid wax for use on vinyl or linoleum floors may be used.

PLEASE NOTE SPECIAL INSTRUCTIONS FOR INSTALLING METAL TILE IN WET AREAS:

The metal tile may darken over time. Topical coatings usually don't stick to metal products. To slow the aging process, any paste or liquid wax for use on vinyl or linoleum floors may be used. Waxing will reduce the exposure to air and thus slow (not eliminate) the aging process as long as the wax is not removed. Be careful not to get the wax in the grout. It could discolor the grout.