



ARTISTIC TILE

JAZZ GLASS™ COLLECTION

INSTALLATION GUIDELINES FOR THE PROFESSIONAL INSTALLER

The following information is provided as a general guideline for the installation of Jazz Glass™ mosaics.

For the best result, an experienced, professional tile installer, who has read and understands this information, should perform the work.

Read in full prior to commencing installation. If you are unclear on any of these details, please contact your sales consultant or Customer Service for clarification prior to proceeding.

Installing glass tiles requires protective handling. Wear protective eyewear and gloves when cutting and handling glass.

Familiarity with the most current version of the TCNA Handbook for Ceramic, Glass, and Stone Tile Installation¹ is highly recommended prior to commencing installation of Jazz Glass™. **The glass tile selection and installation guide** found in the TCNA Handbook will assist you in understanding the characteristics of glass and mosaic.

GENERAL INSTALLATION GUIDELINES

Material Inspection

The owner or owner's representative is responsible for determining the acceptability of the product prior to installation. Upon delivery, open and inspect each box of tile to verify order accuracy and sheet-to-sheet color consistency. Any discrepancy should be communicated immediately to the point of purchase. Due to the handmade, artistic nature of this product, variation in color, shade, tone, shape, and size should be expected.

No adjustments will be made after installation.

Dry Layout and Mockup

A dry layout of this product is required.

Prior to installing, dry lay sheets next to each other to confirm satisfaction with blend. The raw Tiffany style art glass material is 100% handmade and exhibits high color and tone variation per piece and from production lot to lot. Sheets are irregular and combine into a seamless interlocking pattern.

The appearance of uninstalled glass mosaic is different than the final installed product. Jazz Glass is semitranslucent and will be affected by the setting materials used. A mockup is strongly recommended to confirm mortar and grout selection and to allow installers to familiarize themselves with handling thin-format glass mosaics prior to installation. Grout color will greatly influence the appearance of the final installation. Grout color selection may be achieved by filling the joints with dry grout powder, either on an installed mosaic or on an uninstalled mosaic sheet placed against a white background.

Cutting Tips

- Jazz Glass™ mosaics can be cut to meet jobsite dimensions with the use of a high-quality wet tile saw equipped with continuous, smooth-rim, diamond glass blade or with score and snap glass cutting tools.
- Use a straight edge and glass cutting tool score the face of the glass mosaic and then snap off the individual pieces.
- When using a wet tile saw or Gemini ring saw, apply clear plastic face tape to the face of the mosaic sheet where it is to be cut to stabilize the pieces. Cut slowly.
- Exposure to water during cutting will reactivate the glue holding the pieces in place. It is recommended that you place the cut sheet on a flat surface and allow the glue to dry prior to installation.

Installation of Jazz Glass™

1. All walls should be plumb, square and free of movement.
2. Open boxes of mosaics, check and sort for color variation. Individual sheets of Jazz Glass™ are separated by clear plastic sheeting – remove clear plastic prior to installation.
3. Dry lay the material and make any necessary cuts prior to commencing installation.
4. Use the flat side of a 3/16" v-notch trowel to embed the thinset into the substrate.
5. Add additional thinset using the notched side of the trowel and comb the thinset in one direction to establish the proper depth.
6. Using the flat side of the trowel flatten out the ridges of thinset on the substrate.
7. Wipe off the back of the mosaic sheet with a clean dry cloth. Do not wet the mosaic prior to setting.
8. Back butter each sheet with additional thinset using the flat side of the trowel, making sure you have 100% coverage on the back of each mosaic sheet. If full coverage is not achieved, trowel marks and imperfections in the setting bed may be visible through the glass tile or other failure may occur in the completed installation.
9. Place the mosaic sheet into the setting bed and using a grout float, gently tap the surface of the mosaic sheet to achieve full contact between the mosaic and the mortar.
10. Grout joints between mosaic sheets should be the same as joints within the sheets. Attention should be paid to the joints between sheets. Adjusting individual pieces as required to produce a seamless installation.
11. Consider the grout joint in the pattern being installed. Artistic Tile recommends using one of the following ARDEX grouts:

- ARDEX FG-C Microtec Unsanded Grout*
- ARDEX DG 1 One-Component Grout
- ARDEX FL Rapid Set Sanded Grout
- ARDEX WA 100% Solids Epoxy Grout

*ARDEX FG-C Microtec Unsanded is suitable for grout joints as small as 1/16" (and up to 3/8"), making it well suited to the 1/8" thickness of Jazz Glass™, as well as the irregular grout joint size within those patterns for which it is recommended.

Installation of Movement Joints

Install movement joints according to TCNA EJ171. Movement joints are essential for the success of all tile installations. Follow recommendations on Movement Joints EJ171-14 in the current TCNA Handbook for Ceramic, Glass, and Stone Tile Installation. Movement joint requirements will vary based on substrata, climate, and size of installation. An architect or design professional should be consulted when specifying the exact number and location of each movement joint.

MEMBRANE NOTES

There are a wide variety of anti-fracture and waterproofing membranes available for use in tile installations. Membranes will vary in type, installation method and performance. Depending on the application, installing Jazz Glass™ over an anti-fracture membrane may be beneficial. Consult the membrane manufacturer for specific recommendations and limitations.

*If using another setting material check with the manufacturer regarding the suitability of the product for the installation for the glass tile format selected.

*Two-part setting systems, dry powder in bag and liquid latex in bucket, generally afford a greater level of flexibility and bond strength than one-part systems.

If you are unclear on any of these details, please contact your sales consultant or our corporate offices for technical support prior to proceeding with installation.

(201) 864-7000

Technicalsupport@artistictile.com