

JAZZ GLASS COLLECTION

INSTALLATION GUIDELINES FOR THE PROFESSIONAL INSTALLER

The Jazz Glass Collection is offered in mosaic and field formats in stained glass and metallic glass.

- Not all Jazz Glass patterns are suitable for floor applications.
- Not all Jazz Glass patterns are suitable for wet applications.
- Please refer to the table provided to identify your particular Jazz Glass format for usage and setting materials requirements.

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

Always use caution when working with glass - wear protective eyewear and gloves when cutting and handling glass!

Familiarity with the most current version of the TCNA Handbook 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 particular characteristics of glass and mosaic.

ACCEPTABLE SUBSTRATES

Floors:

Concrete-cured 28-days (TCNA F111, F112)
EGP Plywood and CBU (TCNA F144)

Walls:

Tile Backer Board (TCNA W244C)
Gypsum Wallboard and Primed Plaster (TCNA W221, W243)
3-Coat Mortar Beds (TCNA W231/W241)

MAPEI ULTRACOLOR PLUS:

Ultracolor Plus 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.

MEMBRANE NOTES:

No membrane recommendation is made for those formats that require Mapei Planicrete W for installation. These formats are not suitable for wet areas or floor applications. When used properly, Planicrete W does work as a crack-isolation membrane.

- When installing 3x9 Field Tile over a waterproofing membrane, install with Litokol Litoelastic.
- If using another setting material check with the manufacturer regarding the suitability of the product for the installation of 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.
- Some thin sets (e.g. 1-part polymer modified systems) may be appropriate for the installation of glass mosaics, they may not be suitable for large format (3x3 and larger) glass tile installations.

Applications and Recommended Setting Materials→	Usage Recommendations					Membrane	Setting Mortars					Grouts		Caulk
	Residential Light Traffic Floors	Dry Interior Walls Only	All Interior Walls	Standard or Steam Shower	Interior or Exterior Pool		Mapei Mapelastic AquaDefense (water-proofing and crack-isolation membrane)	Mapei Adesilex P10 w/Keraply Additive	Ardex X77	Mapei Kerabond/Keralastic System	Mapei Granirapid System or Ardex N23	Mapei Planicrete W	Litokol Litoelastic	
JAZZ GLASS™ Pattern or Format↓														
3x9 Field Tile* non-metallic														
3x9 Field Tile** Moonbeam														
Billie														
Blue Note Circles®														
Estrella® (all stained glass)														
Estrella® (silver blend)														
Fan Club														
Flapper Floral														
Foliage®														
Hip Herringbone (all stained glass)														
Hip Herringbone (Silver Blend and Mirror)														
Leaf														
Lena®														
Little Satch														
Metronome														
Miles Modular (all stained glass)														
Motor City Circles														
Ragtime Lines														
Ragtime Squares														
Scales														
Swingin' Chevron														
Tambourine Traps* non-metallic														
Tambourine Traps* Moonbeam														
Tuxedo Park														

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GENERAL INSTALLATION GUIDELINES

MOCK UP

Doing a small mock up installation may prove helpful in familiarizing oneself with handling the thin format glass mosaics as well as confirming the suitability and working qualities of the setting materials selected.

CUTTING TIPS

- Using a straight edge and glass cutting tool score the face of the glass mosaic and then snap off the individual pieces.
- Wet-Saw or Gemini Ring Saw - tape the face of the mosaic sheet where it is to be cut to stabilize the pieces. Cut slowly.
- Exposure to water during cutting will re-activate 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.

Always use caution when working with glass - wear protective eyewear and gloves when cutting and handling glass!

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 $\frac{3}{16}$ " 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, make 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. Particular attention should be paid to the joints between sheets - adjusting individual pieces if necessary to produce a 'seamless' installation.
11. Depending on the grout joint in the particular pattern being installed, Artistic Tile recommends using either a sanded or an un-sanded grout such as Mapei Keracolor U or Mapei Ultracolor Plus Sanded. Please refer to the table on page 1 for specific recommendations by pattern.
12. 3" x 9" Field Tile - Artistic Tile recommends a minimum of $\frac{1}{8}$ " grout joint for Jazz Glass field tile.
13. Install movement joints according to TCNA EJ171². Proper movement joint placement should be determined prior to installation, keeping these joints free of setting material through installation and grouting process. Artistic Tile recommends that movement joints be filled with Mapei Keracaulk, or other matching tile caulk

If you are unclear on any of these details please contact your sales consultant or our corporate offices (201-864-7000) for technical support prior to proceeding with installation!

²TCNA Handbook for Ceramic, Glass, and Stone Tile Installation is published annually and updated bi-annually. www.tileusa.com