

GLASS TILE INSTALLATION GUIDE

Using **TEXRITE® TOTAL FLEX™ High-Performance Polymer-Modified Mortar**

MATERIAL INSPECTION

The owner or owner's representative is responsible for determining the acceptability of the product prior to installation. Variation in color, shade, tone, and size is normal in glass tile. In many cases, there will be folds, wrinkles and bubbles in the glass. These surface characteristics are inherent to the cast glass manufacturing process and should be expected. Upon delivery, open and inspect each box of tile.

No adjustments will be made after installation.

The below applies to installing Aquabella Glass Tile on the waterline of interior or exterior cementshelled swimming pools. This installation guide covers critical but straightforward steps to ensure long-lasting installation. These guidelines also apply to most glass tile installations.

SURFACE PREPARATION

Walls and Floors – Smoothing

Use **TEXRITE MORTARBED 500** to prepare surfaces for tiling. This mortar can be applied in a single coat from 1.25 inches to 2 inches, allowing tile installation within 12 to 24 hours. For heavy-duty or exterior applications, add **TEXRITE LATEX BOND ADMIX**.

Waterproofing and Crack Isolation

For a leak-proof pool environment, **TEXRITE HYDRO-RITE FS** is ideal for both walls and floors. Water-based, liquid-applied, elastomeric waterproofing and crack isolation membrane specifically formulated for pool installations, keeping your pool crack-free and leak-free.

EXPANSION / MOVEMENT JOINTS

Install expansion joints around all perimeters or restraining surfaces where possible to allow for expansion movement. Never bridge an expansion, contraction or construction joint. Add additional joints for large areas and areas subject to sunlight, heat/cold temperatures in accordance with local building codes. See EJ171 in TCNA Handbook for detailed specifications.

TILE INSTALLATION

TEXRITE TOTAL FLEX is an extremely flexible, high-performance large & heavy mortar for any type of tile & natural stone, designed specifically for pool environments. Adhering securely to diverse substrates even in submerged or high-moisture conditions.

APPLICATION

Apply the wet mortar to the bond surface with flat side of trowel in a scraping or scratching motion to drive the wet mortar into the surface. Then take an additional mortar with the notched side of the trowel to form and comb the ridges. Trowel the mortar ridges in one straight direction helps to prevent hollow tiles and maximized bond contact. Tiles with deep patterns, high lugs or on those with irregular texture on the back surface may require "back buttering" to ensure 100% coverage of back of tiles. Proper method of bonding of tiles requires embedding, pressing and sliding tiles perpendicular to wet mortar ridges to have a nominal mortar thickness of 3/32" - 3/4" (3-20 mm) and 100% coverage.

CLEANING

Water is all you need to remove uncured product.

GROUTING

TEXRITE EPOXY PLUS GROUT is ideal for pool installations due to its superior water and chemical resistance, making it highly durable under chlorine exposure and heavy moisture. It's recommended for high-traffic pool areas or submerged areas because of its non-porous nature and stain resistance.

RESOURCES

Please refer to our Aquabella website for more detailed information at www.aquabellatile.com.