

# **Cibola Glass Works**

## **SPECIFICATIONS**

*Glass Tile*

### **SPECIFICATIONS**

This specification covers installation of Cibola glass tile work in interior & exterior areas on floors and walls.

#### ***Note to Specifier:***

Glass tiles and tile installation adhesives and grouting mortars do not constitute a waterproof barrier. Detail and specify LATICRETE® 9235 thin, load bearing waterproof membrane in all wet areas that are above occupied spaces. Detail and specify LATICRETE 9235 Anti-Fracture / Crack Suppression membrane over existing hairline cracks in subsurface. LATICRETE latex thin set adhesive mortars may be used to install tiles over "green" or fresh concrete, screed, plaster & render surfaces. A LATICRETE "System" approach to installation is covered by a comprehensive 10 year warrantee.

### **MATERIALS:**

All tile, where called for, shall be: .... (Insert style, size, color of specified Cibola Glass Tile) .... as supplied by Cibola Glass Works, 1712-F Newport Circle, Santa Ana, California, 92706, **Telephone:** (714) 641-4745, **Fax:** (714) 557-2170, **Email** info@cibolaglass.com, **Website:** www.cibolaglass.com. Materials for Rendering / Screeding shall be LATICRETE 3701 / 226. Materials for sound control shall be LATICRETE 18 Sound Control Underlayment. Materials for waterproofing shall be LATICRETE 9235 waterproof membrane. Materials for bonding & bedding tiles shall be LATICRETE 4237 / 211 Latex Thin Set Adhesive. Materials for grouting tiles shall be LATICRETE Floor Grout & Joint Filler fortified with LATICRETE 1776 Grout Admix Plus for normal areas and LATAPOXY® SP-100 Stainless, Chemical Resistant Grout for toilet floors, food service areas. All rendering, screeding, sound control, waterproofing, tile installation and grouting/pointing materials shall be as supplied by LATICRETE International, Bethany, CT USA. Telephone: (203) 393-0010, Fax: (203) 393-1684. E-mail: support@laticrete.com, Internet: www.laticrete.com.

### **PREPARATION:**

Prior to commencing the installation, the contractor shall examine the areas to be covered and advise the General Contractor and Architect of any existing conditions or surface contamination which will require correction before the work commences. Before starting, surface to be covered shall be cleaned to remove curing compounds, sealers, soil, mortar, etc. Curing compounds or sealers shall be removed by "bead-blasting," grit / sand blasting or mechanical "scarifying." After removal of the curing compounds or sealers all rough, uneven or "out-of-plumb" surfaces shall be made "plumb & true" to within 1/8" in 10' using a LATICRETE 3701 / 226 leveling / topping mortar. Dry or dusty concrete or masonry surfaces shall be wet down or washed and excess water removed just prior to the application of the leveling mortar, render, screed or Glass Mosaic Tile adhesive.

### **EXPANSION AND CONTROL JOINTS:**

Existing joints in subsurface must be carried through tile work and shall conform to architectural details. Expansion joints shall be installed where tile abuts restraining surfaces, such as perimeter walls, curbs, columns, corners, etc. Expansion joints shall be installed at all "changes of plane" in the tile work.

### **INSTALLATION OF WATERPROOF MEMBRANE / ANTI-FRACTURE MEMBRANE:**

Waterproof membrane is installed before tile is installed in all wet areas that are above occupied or enclosed areas. Anti-Fracture membrane is installed before tile is installed over all hairline cracks in surfaces to receive new tile work.

### **MIXING:**

Mix according to printed product instructions included with each product package. Mix only long enough to wet out the batch. Do not over-mix.

**INSTALLATION OF TILE BY THE THIN BED METHOD:**

For glass tiles, white or color-coordinated thin-set mortar is recommended. Use White LATICRETE 211Crete Filler Powder. The LATICRETE 4237 / 211 adhesive shall be applied with a notched trowel using a scraping motion to work the material into good contact with the surface to be covered. A trowel having notches large enough to insure "full bedding" of the tiles is recommended.

Only as much adhesive shall be applied as can be covered within 10-15 minutes, or while adhesive surface is still wet and tacky. When installing tile a small quantity of the adhesive shall be troweled onto the back of each piece. Tile shall then be set in place and rapped or beaten with a small beating block to insure 100% full bedding and a true surface. Tile shall be aligned to show uniform joints and then allowed to set until firm. Excess adhesive must be cleaned from the surface of the Tile with a wet cloth or sponge while the adhesive is fresh.

**GROUTING AND POINTING JOINTS:**

Joints shall be grouted or pointed with LATICRETE Floor Grout & Joint Filler fortified with LATICRETE 1776 Grout Admix Plus or LATAPOXY SP-100 Stainless Grout as detailed. Joints shall be packed full and free of all voids and pits. (Tool or rake as specified). Excess grout shall be cleaned from the surface as the work progresses, while grout is fresh and before it hardens. Excess grout shall be cleaned from the surface as the work progresses, while grout is fresh and before it hardens. The day after installation grout film or haze shall be removed using a detergent solution. No acids should be used for cleaning tile work.

**PROTECTION:**

The contractor shall take precautions to protect the finished work from damage by other trades. Do not allow construction traffic on fresh grout joints. Allow the grout to cure for a minimum of 7 days before aggressive or steam cleaning.

*Cold Weather Note:* The curing of tile installation mortars, adhesives & grouts is retarded by low temperatures and finished work should be protected for an extended period of time.

*Wet Area Note:* Allow tile work in wet areas such as swimming pools, fountains & showers to cure for 10 days before exposing to immersion.

LATICRETE Technical Services provides review of job specifications and plans, project detail planning and review, and provides answers to questions concerning the installation of ceramic tile, brick, marble and stone. Call toll free USA +1 (203) 393-0010. Fax: USA 1 (203) 393-1684. E-mail: support@laticrete.com, Internet: www.laticrete.com

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