



## **EXECUTION STATEMENT FOR INSTALLATION OF GLASS MOSAIC TILES ON INTERNAL WALL BY THIN SET METHOD**

### **SUBSTRATE**

The Floor & wall surface to be covered with glass mosaic tiles shall be sound and conform to good design, rigid, clean and free of dirt, oil, grease, sealers, curing compounds, form release agents or loose plaster. For economy the surface should be level and true within:

Walls -	3mm in 2.5M
Floor -	1.5mm in 3.0M

### **SURFACE PREPARATION:**

- a) If a plaster/leveling mortar bed is applied, ensure that it is cured for at least 7 days to achieve proper strength before application of tile adhesive for installation of tile.
- b) Ensure the substrate is clean and free from impurities like dust, dirt, debris, oil, grease, curing agents, loose plaster etc.
- c) Dampen the surface before application of thin set adhesive
- d) Clean the back of tile for any dust or coating.

### **THIN BED METHOD - APPLICATION**

The Laticrete adhesive shall be prepared by mixing Laticrete 252 Ag Silver Glass Mosaic adhesive white in colour with clean potable water. The mix shall be applied to the surface to be tiled with a notched trowel using a scraping motion to work the adhesive into good contact with the surface to be covered. Notch trowel with notches approximately 4mm is recommended to get a bed thickness of 1.5-2mm.

Apply only so much that can be covered within 10-15 min or while the adhesive surface is still tacky.

The Glass Mosaic tiles shall then be set in place and beaten gently with mallet or grouting float to insure 100% full bedding. Tiles shall be aligned to achieve uniform joints and then allowed to set until firm.

The face of the sheets of front mounted glass mosaic tiles shall then be dampened and the face mount paper removed.

Excess adhesive must be cleaned from the surface of the tile with a wet cloth or sponge while the adhesive is fresh and has not hardened.

## **GROUTING**

Grouting of the tile work shall be done once the installation mortar has become firm and the face mounted sheets of paper have been removed. Joints shall then be grouted using the following options:

### **OPTION I**

#### **Laticrete SP-100 Stain proof epoxy grout**

Laticrete SP-100 is a stain free, chemical resistant epoxy grout. It is not stained by most of the food & beverages, cleaning chemicals, dilute acids and alkalies. Highly suitable for Swimming pools, water bodies, food preparation areas, high traffic areas, bathrooms etc.

#### **Mixing & Application**

- 1 Before grouting, remove all dust & impurities from the tiles. Dampen the tiled surface with a sponge.
- 2 Pour the contents of Part A & Part B into a pail and mix together for 1 min.
- 3 Add the part C filler powder  $\frac{3}{4}$  of the content and mix together. Add remaining filler powder if required to achieve desired consistency.
- 4 Fill the joints using a rubber float.
- 5 Remove the excess grout, holding the float diagonally.
- 6 After 30-45 min of the application of the grout scrub the surface of the tile & joint with clean water and scrubber provided to remove any excess grout.
- 7 Draw a clean cloth and drag across the tile to remove any residue.
- 8 Next day clean the grout haze from the tile with clean water

### **OPTION II**

Cement based colour Grout

Use Laticrete 600 series Unsanded Grout Filler (available in a range of colours) when grout joints are less than 3 mm wide and Laticrete 500 series Sanded Grout Filler (available in a range of colours) for joints 3mm – 12mm.

The Cement based colour joints are strong and are resistant to weather, cracking and discolouration.

#### **Mixing Ratio:**

Laticrete Unsanded grout : Latex 282

10kg bag : 3.75 ltr

Laticrete Sanded grout : Latex 282

10 kg bag : 1.75 ltr

## **Mixing & Application**

Joints shall be packed full and free of voids and pits using a rubber grouting float. Remove excess grout from the face of the tile using edge of the rubber float and diagonal strokes (at 45-deg angle to direction of joints) while it is fresh and has not hardened. Pull or drag damp towel or sponge diagonally across the tile faces or joints to remove the remaining grout film and allow tile work to dry. Hardened grout film or haze should be removed within 24 hours. No acids should be used for cleaning Glass Mosaic tile work.

## **EXPANSION AND CONTROL JOINTS**

Existing joints in concrete/plaster must be carried through the tile and shall conform to the architectural details. Expansion joints shall be installed at all “changes of plane” in the tile work.

Exterior areas shall have Movement joint spaced at a maximum of 4.8m x 4.8m and shall conform to architectural details.

## **MAINTENANCE**

Use Laticrete range of Cleaners for proper maintenance and cleaning of Glass mosaic tiles

## **TECHNICAL SERVICES**

**NOTE:** LATICRETE Method Statements are provided for information purposes. The LATICRETE Product Data sheets supercede any information provided in the method statement.

**NOTE:** LATICRETE Product datasheets are subject to change without notice. For latest revision, check our website at [www.myklaticrete.com](http://www.myklaticrete.com)

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