

ShaliTile® Glue

Tile / Granite / Marble Adhesive Mortar



STP Limited

Description

ShaliTile® Glue is a single component, pre-packed, tile adhesive mortar consisting of cement, selected grades of silica and additives

ShaliTile® Glue has good bonding and consistency and can be used for fixing different kind of tiles / granites / marbles.

ShaliTile® Glue needs addition of water only before preparation of bed for fixing tiles. It conforms to IS: 15477 Type I.

Characteristics

Texture	Powder	Shear Bond Strength, kg / cm ²	
Pot life, @ 20°C, minutes	180	<ul style="list-style-type: none">• 2 hrs.• 4 hrs.• 24 hrs.	10 20 30
Theoretical coverage*, m ² , 30 kg bag	11 - 12 For 2 mm thickness	Open time, Minute	30 - 35
Curing time @ 35°C, hrs.	14	Bulk Density, kg / m ³	1650 approx.
		Wet Density, gm / cc	2

* Depending upon surface condition.

Application

- Concrete / masonry.
- Cementitious plaster and render.
- Re-constituted stone.

Advantages

- Pre-packed adhesive mortar, which needs mixing of only water at site.
- High bond strength. Ideal for vertical / horizontal applications of tiles, granites, marble, etc.
- Waterproof and Self Curing.
- Can be used for interior / exterior concrete / plastered surface.

Application Methodology

➤ Surface Preparation

- Ensure that application surface is clean, dry, structurally sound, free of all grease, oil, dirt, dust, and other foreign matter.
- Prepare the surface mechanically by cleaning with wire brush.
- Moist the prepared surface before laying of **ShaliTile® Glue**.

➤ Material Preparation

- Add **ShaliTile® Glue** into water in the ratio of 3 : 1 by volume.
- Take 2/3rd of the desired water quantity and slowly add **ShaliTile® Glue**, while mixing with a slow speed mechanical mixture.
- On achieving the consistent mix, add remaining 1/3rd water and continue mixing with slow speed mechanical mixture till desired consistency for preparation of bed is achieved.
- Wait for 5 minutes and then begin laying the bed for fixing tiles / granites / marble.

➤ Application of Material

- Apply **ShaliTile® Glue** on the substrate using a notched trowel in order to achieve a minimum uniform thickness of 2 mm.
- Press firmly the tile onto the substrate for few seconds to ensure good contact with the adhesive.
- For better adhesion, apply **ShaliTile® Glue** on back of tile as well as on substrate.

Limitation

- Do not apply **ShaliTile® Glue** over wood, asphalt sheeting, vinyl covered wall board, cement asbestos board, metal, glass, plastic, or gypsum mortar beds.
- Apply **ShaliTile® Glue** when the ambient temperature is between 4 - 40°C.

Cleaning

Clean all tools immediately after use with water. Do not allow material to harden.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

Packing

Available in 30 kg bag.

Storage

Store in a cool dry place under shed away from heat.

Shelf Life

12 months in original unopened sealed condition.



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Advisory Cell: +91 81302 81114