

## FAVICRETE TA-03 Premium Floor And Wall Tile Adhesive

(Formerly Favicrete TA-03)



### Features / Benefits

- Single component, just add water
- High strength, polymer modified
- Economical & Easy to use
- Bonds to various substrates
- Can be used up to Maximum 15mm bed thickness.
- Complies with EN / ISO with a C2TE classification.
- Exceeds IS 15477:2019 – Type3 T Adhesivestandards.
- Water and shock resistant.

### Application

Designed especially for interior and exterior floor and wall installations of all types of ceramic tile, vitreous/vitrified, semi-vitreous tile, glass mosaic tiles, precast terrazzo, - and natural stones over concrete and on a variety of substrates. Good underwater shear bond allows this product to be used for wet areas like swimming pools, sauna, water bodies and washrooms. Can also be used as slurry bond adhesive in wet on wet applications, tile on tile applications tile on tile/stone, stone on tile/ stone applications. Wall & floor any size of tile and stone on wall up to 2x 4feet.

High polymer modified adhesive for fixing tiles and natural stone on interior and exterior floor & wall

### Substrates

- Concrete & Concrete Masonry
- VDF / Tremix Concrete
- Cement Mortar Beds
- Cement Plaster
- Ceramic tile, Vitrified Tile and Natural Stone
- Glass mosaic tile
- Brick Masonry
- Cement Backer Board\*\*
- Cement Terrazzo

**IS 15477:2019 - Type3 T En: C2TE**

## TECHNICAL DATA

**Performance Properties:**

FAVICRETE TA-03 Adhesive mixed with Water

**Applicable Standards:**

IS15477:2019

<b>IS Data</b>		
Property : Testmethod	Requirement	Typical Values
<b>Tensile Adhesion</b>		
Dry Condition – Annex A (Clause5.1)	Minimum 1.5N/mm <sup>2</sup>	1.55-1.65 N/mm <sup>2</sup>
Dry Condition – Annex A (Clause5.1)	Minimum 1.0N/mm <sup>2</sup>	1.10-1.20 N/mm <sup>2</sup>
<b>Shear Adhesion</b>		
Dry Condition – Annex B (Clause5.2)	Minimum 1.5N/mm <sup>2</sup>	1.60-1.70 N/mm <sup>2</sup>
Heat Ageing – Annex B (Clause5.2)	Minimum 1.0N/mm <sup>2</sup>	1.10-1.20 N/mm <sup>2</sup>
Wet Conditions –Annex B (Clause 5.2)	Minimum 1.0N/mm <sup>2</sup>	1.15-1.25 N/mm <sup>2</sup>
<b>Slip Resistance</b>		
Slip Resistance – Annex E (Clause5.5)	≤0.5 mm	0.35-0.45 mm

The Adhesive mortar conforms to IS 15477: 2019 - Type3T Adhesive

**Packaging:** 5 kg, 20 kg

**Colour:** Grey and white

**Coverage:** Approx. 55-60 Sft per 20 kg pack using 1/4\_x 1/4\_(6mmx 6mm) square notched trowel for a bed of 3mm.

*\*Coverage will vary depending on trowel notch size, type and size of tile and substrate smoothness and evenness.*

Working Properties at 70° F (21° C)

FAVICRETE TA-03 Adhesive mixed with Water

Open Time	30 minutes
Adjustability Time	30 minutes
Pot Life	4 hours
Time to Heavy Traffic	16 - 24 hours

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

## INSTALLATION

### Surface Preparation:

All surfaces should be between 40° F(4°C) and 104° F(40°C) and structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, laitance, concrete sealers or curing compounds.

Check the surface to be true to plumb. All slabs must be plumb and true to within ¼"(6mm) in 10 ft(3m).

Dry, dusty concrete slabs or masonry should be dampened and excess water swept off. Installation may be made on a damp surface. New concrete slabs shall be damp cured and 28\* days old before application.

\*No minimum cure time for concrete slabs when thin-set mortar is mixed with latex additive.

Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate.

Do not cover expansion joints with thin set mortar.

If adhesive is skinned over (not sticky), remove and replace with fresh adhesive.

### a) Glass Mosaic tiles

The FAVICRETE TA-03 adhesive 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. V-notch of 3mm also can be used to get bed thickness of 1.5mm. Apply only so much that can be covered with tile within 10-15 minutes 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. 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.

For all stone with a back-protection mesh, it is important to remove the mesh first and also remove the epoxy layer by light grinding to ensure perfect bond with the adhesive.

### Mixing:

Place clean, potable water into a clean mixing bowl. Add FAVICRETE TA-03 powder into the mixing bowl. Use approximately 5.5 - 6L of water for 20 kg of powder.

Mix by hand or with a slow speed mixer to a smooth, trowel able consistency. Allow adhesive to slake for 5 minutes. Adjust consistency if necessary. Remix and apply with the proper sized notched trowel.

## APPLICATION:

### a) Tile/Stone

Apply adhesive to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional adhesive with the notched side. Use the proper sized notched trowel to ensure full bedding of the tile. Spread as much adhesive as can be covered with tile in 10 minutes. Back butter large format tiles (> 12"x12") to provide full bedding and firm support. Place tiles into wet, sticky adhesive and beat in using a beating block and rubber mallet to imbed tile and adjust level. Check adhesive for complete coverage by periodically removing a tile and inspecting bedding adhesive transfer onto back of tile. Use of FAVICRETE TA-03 spacers is recommended to provide grout joints between tiles / stones. The joint width shall be as per the recommendation of architect / engineer. Remove the spacers when the adhesive is set firm.

### HOT & COLD WEATHER TILING:

\* Please refer technical document on Hot & Cold weather tiling

### Grouting:

Grout installation shall be commenced after a minimum of 24 hours curing time at 70°F (21° C). Grout with FAVICRETE TA-03

For maximum stain resistance of Internal spacer joints applications, use FAVICRETE 100 EPOXY Grout.

After the tiles are set firm, the face of the sheets of front mounted glass mosaic tiles shall then be dampened and the face mount paper can be removed.

#### CUSTOMER CARE

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