

RJSFAVICRETE FARALASTIK



Multipurpose, two component, Polyurethane thinset adhesive for fixing tiles and stone on interior and exterior floor & wall. Suitable for various drywall substrates including metals.

Features / Benefits

- Two components, just mix and use.
- High strength, chemical resistant
- Economical & Easy to use
- Bonds to various substrates including metals
- Complies to EN/ISO with a R2T classification.
- Meets and exceeds IS 15477:2019 requirements as Type 5 TS2
- Water, freezing, thermal shock resistant
- Flexible and heat resistant.

Substrates

- Concrete – VDF, Tremix and MIVON
 - Concrete Masonry & Brick Masonry
 - Cement Mortar Beds & Plaster
 - Metal floors and walls
 - Tile and Stone
 - Wood & Plywood**
 - Cement Backer Board** & Gypsum board**
 - Cement Terrazzo
 - Engineered stones & Marbles
 - Epoxy or PU resin based substrates
 - Rubber, PVC and Linoleum substrates
- **Consult the backer board manufacturer's data sheet for the specific recommendations and load bearing capacity of specific board intended for use.

Application

Designed especially for interior and exterior floor and wall installations of all types of ceramic tile, vitreous, semi-vitreous tile, glass mosaic tiles, precast terrazzo, engineered stone, metal tiles and natural stones over concrete and on a variety of substrates including metal substrates and drywall boards.

Certifications

**IS 15477:2019
Type 5TS2**

EN 12004: R2T

TECHNICAL DATA

Performance Properties:

Faralastik Modified Tile Adhesive

Applicable Standards:

EN 12004 & ISO 13007; IS 15477: 2019: TYPE 5 TS2

Working Properties at 70° F (21° C)

Appearance	Off white after mixing
Mixed Density	1800 Kg/ Cubic Mtr.
Shelf life	12 Months when stored under standard conditions
Application temperature	12° C to 40° C
Pot life	>1 hour
Open time	>1 hour EN 1346
Adjustability	>1 hour
Vertical slip	< 0.5 mm EN 1308
Foot traffic	24 hours
Grouting	24 hours
Interval before normal use	3 days

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

Packaging : 5 kg Pail (Part A: Part B :: 1:4)

Colour: Part A: Pale Yellow
Part B: White

Shelf life: 12 months from date of manufacture when stored unopened in a cool, dry place between 10°C and 35°C

Coverage: 15 to 17 Sft per pack of 5 Kg with 1/4" x 1/4" (6mm x 6mm) square notched trowel for a bed of 3mm.

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 95° F(35° C) and structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, laitance, concrete sealers or curing compounds.

Substrates must be compact and consistent, free from any rising dampness, with no loose, flaky, or imperfectly anchored parts. The substrate must be stable, without cracks and have already completed the curing period of hygrometric shrinkage. Uneven areas must be corrected with suitable smoothing and finishing products.

Installation shall be made on a dry surface. New concrete slabs must be damp cured and at least 28 days old prior to application. All slabs must be plumb and true to within 1/4" (6mm) in 10ft (3m). Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate.

Mixing:

Faralastik is prepared by mixing together parts A and B from the bottom upwards, using a low-rev ($\approx 400/\text{min.}$) helicoidal agitator, with the preset ratio of 1: 4 of the packs. Pour part B into the bucket containing part A, being careful to mix the two parts uniformly until a smooth, even coloured mixture is obtained. The user must mix a quantity of adhesive which can be consumed within 1 hour at +25 °C / 50% R.H.

Packs of Faralastik adhesive must be stored at a temperature of $\approx +25\text{ }^{\circ}\text{C}$ for at least 2/3 days prior to use.

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.

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

b) Glass Mosaic tiles

Faralastik 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.

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.

Installation of Tile / Stone on Drywall boards:

When the installation of tile or stone is done using Faralastik on drywall boards like cement backer board, wood board, plywood board, calcium silicate board, gypsum wall board, it is advised to provide spacers and fill the resulting grout joints with flexible materials like $\text{RjsFavicrete Grout}$ / silicone sealant / acrylic sealant.

NOTE TO THE SPECIFIER AND INSTALLER:

While installing tile/stone on the external walls and floors, we need to provide the joints by creating spaces between the tiles/stones and filling them up with RjsFavicrete Grout or RjsFavicrete cement based grout mixed with RjsFavicrete Grout admix. In the absence of spacer joints, the surface movements can push tiles/stones away from the substrate causing de- bonding of tiles or stones.

It is also important to note that the exterior tile / stone installations are provided with joints (spaces) on the periphery of the area without allowing the tile / stone to be bound by the peripheral masonry work or plaster.

It is also important to note that the tiles/stones are not installed directly on expansion joints. The expansion joints need to be run through the tile / stonework till top surface and filled with materials which accommodate the movements.

Grouting:

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

Grout with RjsFavicrete Sanded or Unsanded Grout mixed with RjsFavicrete Grout Admix . For maximum stain resistance of Internal spacer joints applications, use RjsFavicrete-100 Epoxy Grout For maximum stain resistance of External spacer joints applications, use RjsFavicrete Grout Admix.

CUSTOMER CARE

FAVICRETE CHEMIE & COMPANY

Office No.212, Parmesh Business Centre-1,Plot No- 20,Karkardooma Community Centre, Delhi-110092

(Mob.) Mobile: +91-9560870630

Customer Care:

sales@rjsfavicrete.com

Website: www.rjsfavicrete.com