

**RJSFAVICRETE TA-04 Premium
Floor And Wall All Kind of Tiles
for Exterior Wall & Floor**



Features / Benefits

- Single component, just add water
- High strength, polymer modified
- Economical & Easy to use
- Bonds to various substrates
- Exceeds ANSI A118.4 shear bond strength requirements
- Complies with EN/ISO with a C2TES1 classification.
- Exceeds IS 15477 – Type 3 Adhesive standards.
- Water and shock resistant.

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 stones 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 wash rooms. Can be used for tile on tile applications and also as slurry bond adhesive in wet on wet applications



Multipurpose highly polymer modified thinset adhesive for fixing large format tiles and stone on interior and exterior floor & wall.

Substrates

- Concrete & Concrete Masonry
- MIVON Concrete, 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
- Calcium Silicate Board**
- Gypsum Wallboard**

**Consult the backer board manufacturer's data sheet for the specific recommendations and load bearing capacity of specific board intended for use.

Certifications

IS 15477 Type 3 En:C2TE S1

TECHNICAL DATA

Performance Properties:

RjsFavicrete TA-04 Multipurpose Adhesive mixed with Water

Applicable Standards:

ANSI A118.4; EN 12004 & ISO 13007; IS15477

IS Data		
Property : Test method	Requirement	Typical Values
Shear Adhesion		
Dry Conditions (24 Hours) – Annex B (Clause 4.6)	Min.4.0 kN	5.50 – 6.50 kN
Dry Conditions (14 Days) – Annex B (Clause 4.6)	Min.10.00 kN	11.50 – 12.50 kN
Heat Ageing (7 Days Std + 7 Days Oven) – Annex B (Clause 4.6)	Min.5.00 kN	6.50 – 7.50 kN
Wet Conditions (7 Days Std + 7 Days Water) – Annex B (Clause 4.6)	Min.5.00 kN	6.50 – 7.50 kN

The Adhesive mortar conforms to IS 15477: Type 3 Adhesive

Packaging: 20 kg bags

Colour: Grey and white

Coverage: Approx 55-60 sft per 20kg bag with 1/4" x 1/4" (6mm x6mm) square notched trowel for average 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)

RjsFavicrete TA-04 Multipurpose 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). Rough or uneven concrete surfaces should be made smooth with FAVICRETE CHEMIE & COMPANY Screed/Plaster material to provide a wood float (or better) finish.

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.

Mixing:

Place clean, potable water into a clean mixing bowl. Add RjsFavicrete TA-04 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 5-10 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 RjsFavicrete-100 Epoxy Grout 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.

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

For highly absorbent natural stones which may form a wet patch when adhesive is used, it is recommended to use suitable

RjsFavicrete Impregnating sealer on all sides.

RjsFavicrete Latex admix can also be used as a bottom coat for natural stones to prevent wet patches during installation. Please refer Technical Data Sheets of product intended for use for specific instructions of use

b) Glass Mosaic tiles

The FAVICRETE CHEMIE & COMPANY 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.

c) Wet on Wet System

RjsFavicrete TA-04 can be used as an alternative to in slurry form in wet on wet system

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 fill them up with RjsFavicrete cement based grout mixed with RjsFavicrete grout admix plus or flexible grout. (In the absence of spacer joints, the surface movements can push tiles/stones away from the substrate causing de-bonding of tiles or stones)

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.

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 .

CUSTOMER CARE

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