

RJSFAVICRETE-TA-01

Premium Floor and Wall Tile Adhesive



Polymer based adhesive for fixing ceramic tiles and small format natural stone on dry areas of interior floor & interior wall

Features / Benefits

- Single component, just add water
- Interior applications, polymer based
- Economical & Easy to use
- Bonds to various substrates
- Exceeds ANSI A118.1T shear bond strength requirements
- Complies with EN/ISO with a C1T classification.
- Exceeds IS 15477:2019-Type 1 Adhesive standards.
- Can be fortified with latex admix for external Tile and Stone installations.

Substrates

- Concrete
- Concrete Masonry
- Cement Mortar Beds
- Cement Plaster
- Ceramic Tile*
- Brick Masonry
- Cement Terrazzo
- Existing Natural Stone*

* Surface to be cleaned and roughened before installation of tiles or stones.

Application

Designed especially for dry areas of interior floor and interior wall installations of all types of ceramic tile and small format natural stones over concrete and on a variety of cement- based substrates. Can be used up to maximum 12mm bed thickness.

Certifications

IS 15477:2019: Type 1 En:C1T

TECHNICAL DATA

Performance Properties:-

RjsFavicrete TA-01 Adhesive mixed with Water

Applicable Standards: ANSI A118.1-1999; EN 12004 & ISO 13007; IS15477:2019

IS Data		
Property: Test method	Requirement	Typical Values
Tensile Adhesion		
Dry Condition – Annex A (Clause 5.1)	Minimum 0.50 N/mm ²	0.60-0.70 N/mm ²
Shear Adhesion		
Dry Condition – Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.10-1.20 N/mm ²
Slip Resistance		
Slip Resistance – Annex E (Clause 5.5)	≤0.50 mm	0.25-0.35 mm

The Adhesive mortar conforms to IS 15477: 2019 , C1 T / Type 1 Adhesive

Packaging: 20 kg Bags:

Colour: Grey

Shelf Life: 15 Months from months & manufacturing for unopened bags,stored in dry conditions.

Coverage: Approx. 55-60 Sft per 20 Kg pack, using 1/4_ x 1/4_ (6 mm × 6 mm) 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)

RjsFavicrete TA-01 Adhesive mixed with Water

Pot Life	2 - 3 Hours
Time to Heavy Traffic	16 - 24 hours

Specifications subject to change without notification The 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 1/4" (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-01 powder into the mixing bowl. Use approximately 4.4 – 4.8 L of water for 20 kg of powder.

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

APPLICATION

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

Grouting: Grout installation shall be commenced after a minimum of 24 hours curing time at 70 °F (21° C). Grout with FAVICRETE CHEMIE & COMPANY Sanded or Unsanded Grout mixed with FAVICRETE CHEMIE & COMPANY Grout Admix.

CUSTOMER CARE

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