



Tilobond Super 515

Polymer Modified Tile Adhesive
C2TE / T 2T



ISO 9001:2015



Smart Cities & Green Building Concept in India



PROUDLY INDIAN

Description

TILOBOND SUPER 515 is highly polymer based adhesive for fixing ceramic tiles, vitrified tiles and stones on interior floor, wall and external floors.

Features and Benefits

- High bonding strength.
- Useful for bed thickness of 3 to 12 mm. May go upto 15 mm in limited extent.
- No curing and hacking required on substrates.
- For installation of vitrified tiles and natural stones on floor & wall.
- Suitable for internal and exterior use
- Complies to ISO C2TE standards.
- Exceeds IS 15477:2019 – Type 2 T Adhesive standards

Recommended Substrate

- Cement Plaster
- Concrete
- Tile on Tile Application
- Brick and Block masonry
- Cement Screed
- External top terrace

Application Methodology

Surface Preparation

The surface to be tiled should be sound and thoroughly clean to remove all oil, grease and dirt. Surface should be in level to achieve desire coverage. Wet the surface before application of adhesive.

Mixing

- Add three parts of Tilobond Super powder to one part of water. The addition of water should be adjusted to attained the desired consistency. Always add powder into water.
- Mixing can be done manually or by low speed stirrer continuously for 5 to 10 Min to obtain homogeneous lump free paste.
- After proper mixing leave paste for 5 Minutes for polymeric dispersion.
- Use paste within 90 min.

Method Of Application

- Spread the adhesive with notched trowel, Remember to only apply the adhesive paste that can be tiled within 30 minutes.
- Start placing the tiles on the surface to be tiled. Place the tiles properly to ensure complete coverage of the backside of tiles and to eliminate the possibility of any air voids.
- Double buttering of adhesive is recommended for fixing heavy tiles.
- Keep joints between two-tiles by using spacers.

Precautions & Limitations

- Do not add more water than recommended.
- Do not add cement at site.
- Not recommended application on direct gypsum plaster, metal, wood surface and paint.

Technical standards and performance

Appearance	Grey & White Powder
Mix ratio	: 3:1 part of water (by vol.)
Open time	30 minutes
Adjustment Time	30 Minutes
Pot life	90 min.
Coverage	25 Sq.ft / 20 Kg Bag at 6 mm
Foot Trafficable	24 hrs

IS 15477:2019

Shear Adhesion

	Property: Test Method	Min Requirement	Typical Results
Type 2 Adhesive This adhesive is suitable mainly for tiles with apparent porosity less than or equal to 3%	Shear Adhesion strength : Dry Condition	1.25 N/mm ²	1.4 N/mm ²
	Shear Adhesion Strength : Heat Ageing Condition	1.00 N/mm ²	1.2 N/mm ²
	Shear Adhesion Strength : Wet Condition	1.00 N/mm ²	1.2 N/mm ²

Tensile Adhesion

Property : Test Method	Min. Requirement	Typical Results
Dry Condition	1.00N/mm ²	> 1.4 N/mm ²
Wet Condition	1.00 N/mm ²	> 1.3 N/mm ²

EN 12004

	Property : Test Method	Min. Requirement	Typical Results
C2 - Normal cementitious adhesive	Tensile adhesion strength	>1 N/mm ²	>1.2 N/mm ²
	Tensile adhesion after water immersion	> 1 N/mm ²	>1.2 N/mm ²
	Tensile adhesion strength after heat ageing	> 1 N/mm ²	>1.2 N/mm ²
	Tensile adhesion strength freeze - thaw cycle	> 1 N/mm ²	>1.2 N/mm ²
	Slip	> 0.5	No slip



Packaging

Available in 20 Kg, 40 Kg BOPP Bag.

Storage

TILOBOND SUPER 515 has a shelf life of 12 months, when stored in unopened bag under normal warehouse conditions.

Caution

For Health & Safety gloves should be worn during application. Any splashes on the skin or eyes must be washed off with clean water. In case of prolonged irritation medical advice should be sought.

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An ISO 9001 : 2015 Company

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