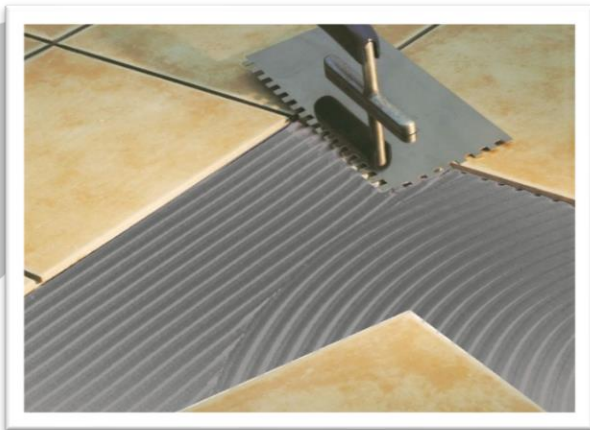


MAGIC BONDTM

Tile Adhesive - Standard

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Product Description

MagicBond - Tile Adhesive Standard is a polymer modified grey cement-based adhesive for fixing all types of tiles on floor.

It provides excellent water proofing properties and resists cracking of tiles.

Application Areas

MagicBond – Tile Adhesive Standard is suitable for internal applications.

Advantages

- High Bond Strength
- High Sag Resistance
- Improved Open Tim
- No shrinkage cracks
- Easy to use & Time Saving
- Economical
- Premixed

Suitable Substrates

- Ceramic Tiles on internal wall and floor
- Vitrified Tiles on internal floor
- Other Floor Tiles

Packaging

20 kg bag

Colour

Grey Powder

Coverage

Coverage is based on smoothness and evenness of the substrate, and the thickness of mortar used.

A coverage of 35-40 Sq. Ft. per bag of 20 Kgs is received when used with a thickness of 3mm.

Shelf Life

Factory packed bags of Magic Bond – Tile Laying Adhesive Standard carries a shelf life of 6 months, if stored in cool & dry place. However, as temperature, humidity, water addition & other parameters vary from site to site, the information should be treated as a general guideline.

Technical Data

Applicable Standard:

Conforms to IS 15477:2004 Type-1

Performance Properties:

TILE FIXING ADHESIVE mixed with water

Test	Results
Tensile Adhesion (Dry Condition 14 days)	>0.9 KN
Shear Adhesion (Dry Condition 14 days)	>9.0 KN

Working Properties:

Pot Life	60 Minutes
Open Time	20-25 Minutes
Final Setting Time	24 hours

Installation Method

Surface Preparation:

The application surface/substrate must be free from loose particles or any other foreign material prior to commencement of work/application of any Magicrete products. Pre-wet or dampen surface with good quality fresh water, if necessary.

Mixing:

Use approx. 20kg of Magic Bond – Tile Laying Adhesive with approx. 5-6 litres of potable water. It is utmost important to add Dry Mix Product to the water and not vice-versa. Mix the material by hand or using a slow speed electrical stirrer in a way that a uniform mixture (free from lumps) is formed. Allow the mixture to rest for 5-10 minutes for polymers to act and remix before use.

Application

The tile fixing adhesive needs to be applied with a flat side of the trowel using a scrapping motion. Make notches using an appropriate size notch trowel.

Ensure that tile is completely bedded in the tile fixing adhesive.

Cleaning:

Excess adhesive needs to be cleaned with a damp sponge

Recommended tools for application



Notch Trowel



Rubber Mallet



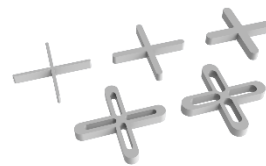
Slow Speed Mixer



Wire Brush



Beating Block



Spacers

Troubleshooting

Problem	Possible Reasons	Recommendations
Mix is not properly adhering to substrate	<ul style="list-style-type: none"> • Water taken is not proper • Mixing with water is not proper • Wetting is not done of substrate • Mix has lost its plasticity and is set before application • Tile is not pressed after laying • Substrate wasn't cleaned or hacked prior to application 	<ul style="list-style-type: none"> • Use appropriate recommended water content • Mix properly. Use of slow speed stirrer is recommended. • Do proper wetting before application • Use mix within 30 Minutes • Clean the surface properly and hack it (if required)
Tile got debonded after some time	<ul style="list-style-type: none"> • Substrate wasn't cleaned or hacked prior to application • Tile fixed after recommended Open Time of the material 	<ul style="list-style-type: none"> • Clean the surface properly and hack it (if required) • Adhere to Open Time of the material and fix tile before that
Hollowness Sound from Tiles	<ul style="list-style-type: none"> • Mortar is not applied on whole surface • Mortar is applied in swirling motion or in spots 	<ul style="list-style-type: none"> • Apply mortar on whole surface such that no gap is left. Use of Thin Bed trowel in straight motion is recommended

Availability

MagiCrete materials are available across India.

For distributor information:

Toll Free: 1800-274-55-55

Limitations

Adhesives/ mortars and grouts for blocks and bricks are not replacements for waterproof membranes. When a waterproof membrane is required, use a different product for the same.

Cautions

- During cold weather, protect finished work from use until fully cured.
- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water at least for 15 minutes and seek medical help if burning continues.
- Do not take internally. Silica sand may serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children

Warranty

MagiCrete Building Solutions Pvt Ltd warrants that MAGIC BOND – TILE LAYING ADHESIVE, is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of six (6) months from date of manufacture, subject to the terms and conditions stated in MAGICRETE Product Warranty.

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***Disclaimer:** Specifications are 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. There are no expressed or implied guarantee/warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.*