

# Tile Adhesive - Standard

## Product Description:

A polymer integrated grey cement composition based adhesive for fixing ceramic tiles on internal and external flooring. It comes in a premixed, ready to use form that can be used with a number of substrates.

## Advantages:

- High Bond Strength
- No Shrinkage Cracks
- High Thermal Insulation
- Zero Wastage
- Easy to use & Time Saving
- Economical
- Premixed

## Suitable for:

- Ceramic Tile on Internal Floor
- Ceramic Tile on External Floor

## 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 12 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.

## Limitations:

Adhesives and grouts for tiles are not replacements for waterproof membranes. When a waterproof membrane is required, use MagicShield waterproofing products by Magicrete or any other waterproofing product available in the market.

## Cautions:

- During cold weather, protect finished work from use until fully cured.
- Contains Portland cement and other fillers. 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. Fillers may cause serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children



## TECHNICAL DATA

### Applicable Standard:

Conforms to IS 15477:2019 Type-1 & EN 12004 C1T

### Performance Properties:

TILE LAYING ADHESIVE mixed with water

Test	Result
Tensile Adhesion (Dry Condition 28 days)	0.50 Mpa
Shear Adhesion (Dry Condition 28 days)	1.00 Mpa

### Working Properties:

TILE LAYING ADHESIVE mixed with water (70°F (21°C))

Test	Result
Pot Life	>60 Minutes
Open Time	>20 Minutes
Final Setting Time	24 hours

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.

## INSTALLATION

### 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 MagicBond 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 adhesive needs to be applied with a flat side of the trowel using a scrapping motion. Additional mortar should be then applied with the notched edge of the trowel.

Ensure that tile is completely bedded in the adhesive.

### Cleaning:

Excess adhesive needs to be cleaned with a damp sponge.

