

# MAGICBOND<sup>TM</sup>

## Tile Laying Adhesive - Elite

### Product Description:

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

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

### Application:

MagicBond Tile Adhesive is suitable for both internal & external applications.

### Advantages:

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

### Suitable For:

- Ceramic Tiles
- Vitrified Tiles
- Cladding/Walls
- Glass Mosaic
- Stones

**Packaging:** 10 Kg & 30 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 55-60 Sq. Ft. per bag of 30 Kgs is received when used with a thickness of 3mm.

### Shelf Life:

Factory packed bags of Magic Bond – Tile Laying Adhesive Elite 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.

### Limitations:

- Adhesives and grouts for tiles 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 cause cancer or 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 15477:2004

### Performance Properties:

TILE LAYING ADHESIVE mixed with water

Test	Results
Compressive Strength	>13 MPa
Flexural Strength	>5.4 MPa
Pull Off Adhesion Strength	>0.7 N/mm <sup>2</sup>

**Working Properties:**

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

Pot Life	68 Minutes
Open Time	15-20 Minutes
Final Setting Time	25 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 Magicrete products. Pre-wet or dampen surface with good quality fresh water, if necessary.

**Mixing:**

Use approx. 30kg 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.

**AVAILABILITY AND PRICE**

**Availability:**

Magicrete materials are available across India.

For distributor information:

Toll Free: 1800-274-55-55

E-mail: [info@magicrete.in](mailto:info@magicrete.in)

**Price:**

Contact a Magicrete representative / Authorized dealer in your area.

**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.

**Magicrete Building Solutions Pvt Ltd.**

702 B, 22 Business Point, S V Road,

Andheri Station,

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Website: [www.magicrete.in](http://www.magicrete.in)



## Tile Laying Adhesive - Standard

### 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:

MagicBond Tile Adhesive is suitable for both internal & external applications.

### Advantages:

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

### Suitable For:

- Ceramic Tiles
- Vitrified Tiles
- Other Floor Tiles

**Packaging:** 10 Kg & 30 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 55-60 Sq. Ft. per bag of 30 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.

### Limitations:

- Adhesives and grouts for tiles 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 cause cancer or 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 15477:2004

### Performance Properties:

TILE LAYING ADHESIVE mixed with water

Test	Results
Compressive Strength	>13 MPa
Flexural Strength	>5.9 MPa
Tensile Adhesion Strength	>0.75 MPa
Pull Off Adhesion Strength	>0.8 N/mm <sup>2</sup>

### Working Properties:

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

Pot Life	60 Minutes
Open Time	15-20 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 Magicrete products. Pre-wet or dampen surface with good quality fresh water, if necessary.

### **Mixing:**

Use approx. 30kg 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.

## AVAILABILITY AND PRICE

### **Availability:**

Magicrete materials are available across India.

For distributor information:

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E-mail: [info@magicrete.in](mailto:info@magicrete.in)

### **Price:**

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## 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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# MAGICBOND<sup>TM</sup>

## Tile Laying Adhesive - White

### Product Description:

MagicBond - Tile Adhesive White is a polymer modified white cement based adhesive for fixing all types of tiles on floor/walls.

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

### Application:

MagicBond Tile Adhesive is suitable for both internal & external applications.

### Advantages:

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

### Suitable For:

- Ceramic Tiles
- Vitrified Tiles
- Cladding/Walls
- Glass Mosaic
- Swimming Pool Tiles
- Stones

**Packaging:** 30 kg bag

**Colour:** White Powder

### Coverage:

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

A coverage of 30-45 Sq. Ft. per bag of 30 Kgs is received when used with a thickness of 3mm.

### Shelf Life:

Factory packed bags of Magic Bond – Tile Laying Adhesive White 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.

### Limitations:

- Adhesives and grouts for tiles 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 cause cancer or 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 15477:2004

#### Performance Properties:

TILE LAYING ADHESIVE mixed with water

Test	Results
Compressive Strength	>13 MPa
Flexural Strength	>5.4 MPa
Pull Off Adhesion Strength	>0.8 N/mm <sup>2</sup>

**Working Properties:**

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

Pot Life	60 Minutes
Open Time	15-20 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 Magicrete products. Pre-wet or dampen surface with good quality fresh water, if necessary.

**Mixing:**

Use approx. 30kg 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.

**AVAILABILITY AND PRICE**

**Availability:**

Magicrete materials are available across India.

For distributor information:

Toll Free: 1800-274-55-55

E-mail: [info@magicrete.in](mailto:info@magicrete.in)

**Price:**

Contact a Magicrete representative / Authorized dealer in your area.

**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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