

MAGIC BOND™

DryFlex

Product Description:

Magic Bond Tile Adhesive – DryFlex is a specially formulated 2 component tile adhesive for moisture sensitive marbles & agglomerates. It can be used on all types of tiles & substrates in all weather conditions.

It is specifically designed for large format tiles and stones on drywall and plywood and can go up to 50 ft. cladding without reinforcement.

Suitable For:

It can be used for fixing large format tiles & stones on concrete/cementitious substrates and for all types of drywalls.

Advantages:

- Fast Setting
- Super High Bond Strength
- No Reinforcement Up to 50 ft. cladding
- Moisture Free
- Zero Wastage
- Easy To Use

Packaging: 4 Kg Bucket

Part A Resin 3.76 kg

Part B Hardener 0.24 kg

Appearance: Part A: White Paste

Part B: Brown Liquid

Coverage: ~1.62 kg/sq.m per mm of bed thickness

*Coverage may change depending on the application process and surface conditions.

Conforms To: EN D2T and IS 15477:2019 Type - 4

TECHNICAL DETAILS

Parameter	As per TDS	Results
Tensile Adhesion Strength	>1 N/mm ²	2.32 N/mm ²
Shear Adhesion Strength	>1 N/mm ²	2.10 N/mm ²
Open Time	>20 Min	30-40 Min
Slip	<0.5 mm	0.23 mm
Density of Part A	-	1.68 gm/cc
Density of Part B	-	1.80 gm/cc
Mix Density	-	1.75 gm/cc
Pot Life	>30 Min	40-45 Min
Foot Traffic		60-120 mins
Grouting		After 10 Hours of Application
Temperature Resistance		-5 to 100° C
Ready to Use		2 Days after Grouting
Mixing Ratio		3:1

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.

Shelf Life:

Factory packed bag of MagicBond Tile Adhesive – DryFlex carries a shelf life of 9 months, if stored in cool & dry place.

INSTALLATION

Surface Preparation:

The surface should be clean and free from dust, loose particles, grease, or any other foreign material that may affect the adhesion.

For cementitious substrates/waterproofing/tiles the surface should be within 5° C to 35° C and should be brought to touch dry condition before commencement of application.

For Drywalls and other substrates only dry cleaning is recommended.

Mixing:

Prepare MagicBond Tile Adhesive – DryFlex by thoroughly mixing Part A & Part B in a bucket (mixing ratio - 3:1).

Mix thoroughly using a slow speed stirrer for 3-4 minutes, until a uniform, lump-free consistency is achieved.

The mixture should be used within 10-15 minutes of mixing, depending upon the environment conditions.

Do not add water in the mixture.

Application:

Apply the mixture onto the surface covering up to 1 m² at a time using a flat edge of the trowel firmly pressing against the substrate. Double Back Buttering is recommended for large and heavier stones. Avoid void formation while back buttering to the tile.

Using the notched side of the notch trowel, comb the adhesive to achieve the required thickness.

Bed the clean tiles/stones firmly into the adhesive with a slight sliding and/or twisting action/shear.

Gently tap the tiles with a rubber hammer to ensure maximum

transfer of adhesive and to firmly hammer the tiles into place.

To accommodate thermal expansion and contraction it is recommended to keep an adequate distance between the tiles & stones.

Clean any excess adhesive on the tile or stone before the adhesive hardens, which would be difficult to clean afterwards.

Grouting:

Joints can be grouted with MagicBond Epoxy Tile Grout EG-100 after 10 hours of application

Cleaning:

Wash tools immediately with water after use, before the adhesive hardens.

Safety Precautions:

- Avoid contact with eyes and skin
- Care should be taken to avoid dust inhalation while mixing and handling
- Keep out of reach of children