

Application

High Polymer Modified Adhesive Specially Design For Interior And Exterior Wall And Floor Applications For Fixing Ceramic Tiles,Vitrified Tiles And Natural Stones. It Can Be Use For Tile On Tile Applications And Wet Areas Applications.

Substrates

- Concrete
- Cement Plaster
- Brick Masonry
- Tile On Tile Application

*surface To Be Cleaned Before Installation.

MAGICFLEX

High Polymer Modified Adhesive For Fixing Ceramic Tiles,Vitrified Tiles And Natural Stone On Interior And Exterior Floors And Walls.





Applicable Standards:-

IS-15477:2019 Type-3T

ANSI 118.4-1999

EN-C2TE

Performance Properties:-

MagicFlex Adhesive Mixed With Water

Working Properties At 21°C

Prime Fix Adhesive Mixed With Water

Pot Life	1-2 Hours
Time To Traffic	24 Hours

*Specifications Subject To Change Without Notifications.

*Results Shown Are Typical But Reflect Test Procedure Used, Actual Performance Depend On Installation Methods And Site Conditions.

Colour:-Grey & White

Packaging:- 20 KG

Coverage:- Approx.55-60 Sq.ft Per 20 kg Pack With 3mm Bed Or 6mm Square Notch Trowel

*Coverage Will Vary Depending On Trowel Size,Type And Size Of Tile And Substrate Smoothness And Evenness.

IS Data:-TYPE 3T
Conforms(15477:2019)

Dry Condition- Tensile Adhesion	1.5 N/mm ² Requirement	1.6-1.7 N/mm ² Typical Values
Slip Resistance	<0.5 mm Requirement	0.3-0.4 mm Typical Values
Dry Condition- Shear Strength	Minimum 1.5 N/mm ²	1.6-1.7 N/mm ² typical values

EN Data:-Conforms C2TE

Property	Requirements	Typical Value
Open Time	>1 N/mm ²	1.4-1.5 N/mm ²
Slip Resistance	<0.5 mm	0.30- 0.40mm
Tensile Adhesion- Initial	>1.0 N/mm ²	1.4-1.5 N/mm ²
Water Immersion	>1.0 N/mm ²	1.25-1.50 N/mm ²
Heat Ageing	>1.0 N/mm ²	1.25-1.50 N/mm ²

ANSI Data

Porcelain Tiles Shear Strength

1 Day	>75 PSI Requirements	160-170 PSI Typical Values
7 Days	>200 PSI Requirements	200-220 PSI Typical Values
28 Days	>200 PSI Requirements	200-220 PSI Typical Values
12 Weeks	>200 PSI Requirements	200-220 PSI Typical Values
7 Days Water Immersion	>150 PSI Requirements	160-170 PSI Requirements

Surface Preparation:-

All Surfaces Should Be Between 4°C To 30°C And Structurally Sound, Clean And Free From Debris.

Mixing:-

Place Clean Potable water Into Clean Bowl, Add Magicflex Powder Into The Mixing Bowl, Use Approx 5.5 To 6 Ltr. Water For 20 KG Powder, Mix With Hand Or Slow Mixer Machine To Smooth Consistency, Always Add Powder Into Water.

Movement Joint Instruction:-

Refer EJ-171 For Movement Joints Between Tiles And Stone Installations.

Limitations:-

If Adhesive Is Skinned Over Or Feel Not Sticky After Few Minutes, Remove And Replace With Fresh Adhesive.

Contact Our Customer Care For Technical Guidance And Better Installations, Demand Material Safety Datasheet For Safety.

Customer Care:-

Griffino Chemicals Industries

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