

Application

Especially Design For Dry Areas Of Interior Floor And Interior Wall Installations Of All Types Of Ceramic Tiles, Semi-Vitrified Tiles And Small Size Natural Stone On Variety Of Cement Based Substrates.

Substrates

- Concrete
- Cement Mortar Beds
- Cement Plaster
- Brick Masonry
- Cement Terrazzo

*surface To Be Cleaned Before Installation.

Prime Fix

Polymer Based Adhesive For Fixing Small To Medium Format Ceramic Tiles And Small Size Natural Stone On Dry Areas Of Interior Floor And Interior Wall Up to 10 Ft. Height.





Applicable Standards:-

IS-15477:2019 Type-1

ANSI 118.1-1999

EN-C1T

Performance Properties:-

Prime Fix 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

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 1T
Conforms(15477:2019)

Dry Condition- Tensile Adhesion	0.5 N/mm ² Requirement	0.6-0.7 N/mm ² Typical Values
Slip Resistance	<0.5 mm Requirement	0.3-0.4 mm Typical Values
Dry Condition- Shear Strength	Minimum 1.00 N/mm ²	1.05-1.10 N/mm ² typical values

EN Data:-Conforms C1T

Property	Requirements	Typical Value
Open Time	>0.5 N/mm ²	0.55-0.60 N/mm ²
Slip Resistance	<0.5 mm	0.30- 0.40mm
Tensile Adhesion- Initial	>0.5 N/mm ²	0.6-0.7 N/mm ²
Water Immersion	>0.5 N/mm ²	0.6-0.7 N/mm ²
Heat Ageing	>0.5 N/mm ²	0.6-0.7 N/mm ²

ANSI Data

Porcelain Tiles Shear Strength

1 Day	>50 PSI Requirements	80-100 PSI Typical Values
7 Days	>150 PSI Requirements	160-180 PSI Typical Values
28 Days	>150 PSI Requirements	160-180 PSI Typical Values
12 Weeks	>150 PSI Requirements	160-180 PSI Typical Values
7 Days Water Immersion	>100 PSI Requirements	120-130 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 Prime Fix 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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