

# Application

Specially Design for Interior & Exterior Floor & Wall Installations of All Type of Ceramic Tiles, Vitrified Tiles, Glass Mosaics, Metal Tiles, Natural Stones, Engineered Stones & Semi Vitreous Tiles.

## Substrates

- Concrete & Cement Based Surfaces
- Cement Sheet, Gypsum Board and Variety of Dry Boards\*
- Tile On Tile Application
- Wood & Plywood\*
- Metal

# PU-FLEX-255

Multifunctional Two Component PU Based Reactive Adhesive with No Vertical Slip for Absorbent as Well as Non Absorbent Surface.





### Applicable Standards: -

IS-15477:2019 Type-5TS2

EN- 12004/ISO 13007 R2T

### Performance Properties: -

PUFLEX-255 Mix with Part-B Included in Bucket (04:01)

### Working Properties at 21°C

PUFLEX 255 Mixed with PART-B

Pot Life	Below 1 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.

Color:-Off White  
(After Mixing with Hardener)

Packaging: - 04 KG  
(PART A+PART B)

Coverage: - Approx.13-14 Sq.ft  
Per 4 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.

### PERFORMANCE DATA

Shear Adhesion After 28 Days	>5.3 N/mm <sup>2</sup> Requirement	IS-15477:2019
Shear Adhesion After Water Immersion	>3.5 N/mm <sup>2</sup>	EN-12004-2
Shear Adhesion After Thermal Shock	>3.5 N/mm <sup>2</sup>	EN-12004-2

### PERFORMANCE DATA

Open Time	>30 Min.	EN-12004-2
Vertical Slip	<0.5 mm	EN-12004-2
Adjustability	>30 Min.	
Foot Traffic	After 24 Hours	
Grouting	After 24 Hours	

### PERFORMANCE DATA

Shelf Life	12 Months	
Mixing Ratio	Part A: Part B	04:.01 Ratio
Temperature Range For Applications	+10°C To +30°C	
Precautions	Protect From Direct Sunlight	Use Hand Glows Compulsory
Precautions	Avoid Direct Exposure To Any Body Parts	Protect From Direct Rain For At least 24 hrs.

Surface Preparation: -

All Surfaces Should Be Between 10°C to 30°C and Structurally Sound, Clean and Free from Debris.

Mixing: -

PUFLEX-255 Is Prepared by Mixing Together Part-A and Part-B from the Bottom upwards, With the Preset Ratio of 04:01 Of the Pack. Pour Part B into Part A, Being Careful to Mix the Two Parts Uniformly Until a Smooth, Even Colored Mixture is Obtained. Use Hand Gloves While Using Adhesive.

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: -**

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