



## FLEXO PU

One component PU based elastic adhesive

### Description

**FLEXO PU** is a one-component adhesive compound of permanent elasticity for stones and tiles works. This material is based on a special polyurethane modified and special additives which possesses long term flexibility. It has excellent adhesion on all cement-based materials, brick, ceramics, glass, metals, substrate etc. It creates excellent bond strength with the parent substrate and tiles / stones.

### Uses

- All concrete surface
- Balconies, verandah
- Flooring and walls, for internal and external use, in domestic, commercial and industrial applications, for street furniture, heated subfloors also in areas subject to thermal shock and freezing

### Advantages

- Good bonding between substrate and tile/ stones.
- Used on internal and external surface.
- Based on modified PU hence ,suitable for all types of surface
- Imparts excellent substrate adhesion
- Simple application as it is one component

### Confirmed standard

Properties	Results
Apperance	Paste
Colour	White
Shear strength	>3.4 N/mm <sup>2</sup> @28 days
Tensile Strength, ASTM D412	>3 N/mm <sup>2</sup> @28 days
Weathering Resistance	Excellent

## Method of Application

### • Preparation:

Surface for treatment must be thoroughly cleaned of all laitance, loose material, oil, grease etc. mechanical mean such as wire brushing and shot blasting can be used. Finally vacuum cleaning of all loose solids and liquids can be done if required. Uneven areas must be corrected with suitable smoothing and finishing products.

### • Application:

Mix FLEXO PU well with the help of mechanical stirrer before use. Apply the paste with the help of Trowel on the prepared surface and place the tiles/ stones over it. Press down each tile/ stone to allow for maximum coverage of the surface

## Coverage

- Approximately 3.4kg /m<sup>2</sup> at 2 mm thickness (Actual coverage will depend on the application thickness)

## Packaging

- It is supplied in 5Kg, 10 Kg & 20Kg pack.

## Storage

- 12 months from the date of manufacture of the product if kept unopened and away from direct sunlight.

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