



FLEXPu

One component PU based elastic adhesive

IS : 15477



CM/L-7600053713

Description

- FLEXPu 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.

Product Standard Compliance:

IS 15477:2019

Company Standard Compliance:



Technical Information:

Properties	Specification
Appereance	Paste
Colour	White
Shear strength	>3.4 N/mm ² @28 days
Tensile Strength, ASTM D412	>3 N/mm ² @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 FLEXPu 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 /m² at 2 mm thickness (Actual coverage will depend on the application thickness)

Packaging:





FLEXO PU is supplied in 5Kg, 10 Kg & 20Kg pack.

Storage & Shelf-life:

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

Health & Safety:

FLEXO PU should not come into contact with skin and eyes. Gloves, goggles and dust mask should be worn. If contact with skin occurs, it shall be washed with water. Splashes to eyes should be washed immediately with plenty of clean water and medical advice sought.

	<p>This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.</p>
<p>IS : 15477</p>  <p>CML-7600053713</p>	<p>This symbol is identify that the products maintain its parameter with consistency & checked frequently as per BIS department and provided quality assurance.</p>
	<p>Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.</p>
	<p>ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.</p>

	<p>It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.</p>
	<p>ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.</p>
	<p>ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.</p>
	<p>ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance</p>

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