

FLEXOPLUS

Adhesive for high-performance and high adhesion

IS : 15477



CM/L-7600053713



Description

- FLEXOPLUS develops highly elasticity and thixotropic paste making it safe to lay water-sensitive ceramic tiles and natural stone even diagonally or from top to bottom on highly deformable and expandable, absorbent and non-absorbent substrates like cement-based screeds, prefabricated concrete or fresh concrete castings, cement plasters and cement-lime mortar, floors and walls in polyurethane resin, glazed tiles, cement-based and resin floor tiles, porcelain tiles, wood, metals, rubber, PVC, linoleum etc.

Uses

- High-elasticity paste laying of ceramic tiles and vitrified tiles.
- Laying porcelain tiles, marble and natural stone, on floors and walls, on absorbent and non-absorbent and deformable substrates

Advantages

- Chemical resistance.
- Suitable for super architectural structure.
- Suitable for all types of tiles and stone laying.
- Suitable for all types of substrate either absorbent or non-absorbent.
- Better adhesion properties.
- Flooring and walls, for internal and external use, in domestic, commercial.
- and industrial applications, for street furniture, heated subfloors also in areas.

Product Standard Compliance:

- IS 15477:2019 (CM/L-7600053713)
- EN 12004 & ISO 13007, ANSI A118.4

Company Standard Compliance:



Technical Information

Properties	Specification
Mixed Appearance	Off-White Paste
Compressive strength IS 15477:2019, EN 12004	>40 N/mm ² @ 1day > 75 N/mm ² @ 28days
Shear adhesion strength @ 28 days IS 15477:2019, EN 12004	> 6 N/mm ² @ 28days

Method of Application

- The substrate surface must be free from oil, grease or any loosely adherent material. If the concrete surface is defective or has laitance, it must be cut back to a sound base.
- Uneven areas must be corrected with suitable smoothing and finishing products.
- FLEXOPLUS is prepared by mixing together parts A and B from the bottom upwards, using a

- subject to thermal shock and freezing.

low-rev (≈ 400/min.) helicoidal agitator, respecting the preset ratio of 3:1 of the packs.

- Pour part B into the bucket containing part A, being careful to mix the two parts uniformly until a smooth, even colored mixture is obtained.
- FLEXOPLUS must be applied with a suitable, toothed spreader of the type and dimensions most appropriate for the format and type of tiles used.
- Using the smooth part of the spreader, apply a fine layer of product, pressing down onto the substrate in order to ensure maximum adhesion.
- Press down each tile to allow for maximum coverage of the surface.
- In environments subjected to heavy traffic, in external applications and wherever high-elasticity laying system is required, use the double-spread technique to ensure 100% application of the product to the rear of the tiles.

Coverage:

Approximately 3.4kg /m2 at 2 mm thickness

Packaging:

FLEXOPLUS is supplied in 1Kg, 2 Kg, 5Kg, 10 Kg & 20 kg set.

Storage & Shelf-life:

Minimum of 24 months shelf-life if kept under room temperature (i.e. 27°C).

Health & Safety:

FLEXOPLUS 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>This symbol identifies 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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