

**STONE & TILE
ADHESIVES**



FLEXOPLUS

Adhesive for high-performance and high adhesion

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 subject to thermal shock and freezing

Confirmed standard

- IS 15477:2019 (CM/L-7600053713)

Compliance standard

- EN 12004 & ISO 13007, ANSI A118.4

Technical Information

PROPERTIES	STANDARD TEST METHOD	RESULTS
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 low-rev ($\approx 400/\text{min.}$) 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

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

REDWOP CHEMICALS PVT. LTD.

Head office: 2nd Floor, Pearl plaza Complex, B/S GT Sheth School, Near KKV Hall, 150ft Ring Road, Rajkot- Pin.360005 Gujarat, India.

✉ info@redwop.net

🌐 www.redwop.net

☎ +91 97246 55551

☎ +91 281 2576664