

Product Description

La BrushFlex 1K is a single component elastomeric liquid applied waterproofing membrane of hybrid acrylic co-polymer. It is an advanced acrylic technology product manufactured by combination of pigment, reinforcing fillers making the polymer flexible that allows the membrane to accommodate movement in the substrate.

It is a seamless membrane that performs and adopt to any construction requirement in varied climatic conditions.

Uses

La BrushFlex 1K is designed for use as waterproof coating on roof slabs and walls of buildings. Can be used as a sandwiched membrane coating system for all concrete surfaces both external and internal

Advantages

- Minimum surface preparation needed
- Single component - Brush or roller applied directly on the substrate
- Excellent adhesion to most building substrates
- Prevents further ingress of water in concrete
- Excellent flexibility than two component acrylic cementitious coatings
- Has resistance to water penetration
- Good resistance to atmospheric pollution
- Breathable - allows water vapour to escape

Application Areas include

- Concrete slab roofs, balconies, toilets and utility areas.
- External and internal new roof and repairing of walls
- UG Sump tank, Gutters, Swimming Pools And Water Storage Areas.
Can be used on concrete surface in repair situations removing old screed.

Technical Properties

The company provides a technical advisory service supported by a team of specialists in the field.

Over coating time	4 - 6 hours
Shore A Hardness	45 - 55
Maximum-tensile Strength ASTM D 412	>4.5N/mm ²
Elongation at break ASTM D 412	>150%
Weather Resistance	No evidence of cracking, Deterioration & loss of flexibility
Solid Content	>73±2% (ASTM 2369)
Density	1.7 ±0.03 kg/Litre
Colors Available	Light Grey, White & Light Green

Application Instructions

Preparation

All the surfaces which are to receive La BrushFlex 1K coating, must be free from oil, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired using La Bond SBR Latex. Shrinkage cracks on slabs to be filled using La BerrySeal CS

Priming

A sealer coat using La BrushSeal, a water based penetrating repelling waterproofing primer composed of acrylic polymer emulsion after diluting La BrushSeal (1:3)

Application

After drying of Primer, immediately apply first coat of La BrushFlex 1K by brush or roller. Apply second coat of La BrushFlex 1K on the dried surface of first coat.

Sprinkle coarse sand / quartz over the second coat when the coating is in wet condition to ensure good mechanical bonding of top screed.

Sloping Screed

A Sloping Screed is recommended on the above system for durability.

Curing

Final air curing time of 48 - 72 hours is adequate at normal working temperatures. Ensure air curing is complete before laying thermal insulation boards, mechanical protect and other coverings. Low temperatures and high atmospheric humidity will slow down the curing rate and vice versa.

Coverage

La BrushFlex 1K 1m²/kg in two coats on the primed surface. Minimum 1-1.2kg of material is recommended /m² for good performance. Priming Coat La BrushSeal 8-10m² (1:3 dilution).

Coverage can vary depending upon the texture and undulations of the concrete surface.

Packaging

La BrushFlex 1K is available in 5kg, 20kg & 25kg

Shelf Life

La BrushFlex 1K system has a shelf life of 12 months in Unopened packs, if kept in a cool dry store.

Precautions & Limitations

La BrushFlex 1K system has a limited resistance to exposed weather conditions. To provide effective protection to the building, when used on concrete surfaces, this system should be protected using a waterproofing screed concrete with desired slope.

Health & Safety

La BrushFlex 1K system is non-toxic but alkaline in nature. Gloves and goggles should be worn while handling. Any splashes on the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought.

Fire

La BrushFlex 1K system is non-flammable

Important: La Greens India Pvt. Ltd., products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, La Greens India does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.