



Brushbond FLX III

Elastic Polymer Modified Cementitious Waterproofing Membrane System for Concrete and Masonry Surfaces

Uses

Brushbond FLX III when fully cured, provides a seamless elastic waterproof membrane for use in roof areas, wet areas, pre-cast joints where a tough elastomeric water tight membrane is required.

Advantages

- Can be applied to wet or damp substrates
- No primer required
- Elastomeric - able to bridge cracks
- Able to take foot traffic when cured
- Factory pre-blended two component system ensure quality control at site

Description

Brushbond FLX III is a two component polymer modified cementitious coating which is supplied in readymix kits. When mixed, an easily brushable coating is produced. It can simply be applied by a stiff brush, roller, or trowel to obtain the desired thickness.

Brushbond FLX III consists of specially selected cements, graded hard wearing aggregates and additives supplied in powder form together with a liquid component of polymers providing exceptional adhesion, resiliency, flexibility, toughness and durability.

Typical Properties

Pot life at 35°C	:	Approx 1 hour
Mixed Density kg/m ³	:	1.76
Adhesion to substrate	:	> 1 N/mm ²

Shore A Hardness at 25°C, 7 days cure	:	50
---------------------------------------	---	----

Elongation at Break (ASTM D412)	:	120%
---------------------------------	---	------

Tensile Strength (N/mm ²) (ASTM D412)	:	1.8 N/mm ²
---	---	-----------------------

Flexibility 25 mm Mandrel	:	Pass
---------------------------	---	------

Instruction for Use

Preparation

All the surfaces which are to receive Brushbond FLX III 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 with Renderoc System.

Mixing

The Brushbond FLX III Liquid is poured from the plastic container into the metal drum supplied and mixed mechanically with a slow speed drill (350-450 rpm) Add the powder component gradually to the liquid avoiding lump formation and mix for 4-5 minutes until a smooth consistent mix is achieved. Use the material within the recommended pot life.

BRUSHBOND FLX III COMPONENT	MIXING RATIO
Powder	25.0 kg
Liquid	16.9 kg

Brushbond FLX III

Application

For best results damp the surface before coating with **Brushbond FLX III**. Use a short, stiff bristle brush preferably 120 to 200 mm in width, apply like a paint using one or two coats as required.

For trowel application, ensure that the substrate is levelled and repaired of any undulations or pot holes.

Brushbond FLX III should be applied to the recommended coverage as stated.

It is recommended for general re-surfacing that each coat should be minimum 1 mm thick. Areas that are subjected to light foot traffic should receive a **Brushbond FLX III** coating of 2 mm thickness and an additional 2 mm coating will be required for areas of moderate to heavy pedestrian conditions.

Cleaning

Brushbond FLX III should be removed from tools and equipment immediately after use with clean water. Hardened material can only be removed mechanically.

Packaging

Brushbond FLX III is supplied in the following packing :

Powder : 25.0 kg bag
Liquid : 16.9 kg in a pail

Coverage

The approximate coverage at 1 mm thickness is 1.76 kg/m²/mm. The recommended thickness is 1.5 to 3 mm.

Allowances should be made for any possible wastage when estimating.

Precautions

Health & Safety

Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice.

Powder products should be handled to minimise dust formation; use a light mask if excessive dust unavoidable.

Storage

Brushbond FLX III has a shelf life of 12 months in unopened pack, kept in a dry store. In high humidity locations, the shelf life may be reduced to 6-8 months.

Supply

Contact your local Fosroc office.

Technical Service

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

Additional Information

Brushbond FLX III is specially formulated to meet the HDB specifications for flexible cementitious waterproofing system.

Brushbond FLX III

Brushbond FLX III is one of our wide range of surface coating specially designed and manufactured by FOSROC for the construction, civil engineering and mining industries.

Other product range includes Admixture, Curing Membranes, Repair Mortars, Adhesives, Anchoring Resins, Joint Sealants and Waterproofing.



Brushbond FLX III



PT. Fosroc Indonesia

Jl. Akasia II Blok A8 No. 1
Delta Silicon Industrial Park
Lippo Cikarang
Bekasi 17550
Indonesia

www.fosroc.com

Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

telephone:

+ 62 21 897 2103
+ 62 22 520 1308
+ 62 31 502 9142

fax:

+ 62 21 897 2107
+ 62 22 522 2713
+ 62 31 502 2711

email:

indonesia@fosroc.com



Registered Office: Jl. Akasia II Blok A8 No. 1, Delta Silicon Industrial Park, Lippo Cikarang, Bekasi 17550, Indonesia

INA/SEPT. 2003/G