

ACRYLIC 2K FLEXIBLE WATERPROOFING MEMBRANE

Description

Flexicon is a superior two-component elastomeric coating waterproofing system. It combines cementitious binders, compatible microfibers, special additives, and fine-grained aggregates, reinforced by high-grade acrylic polymers for excellent water protection. This innovative solution acts as a flexible, waterproofing, and protective acrylic cementitious coating.

Areas of Application

- Excellent as a waterproof coating for bathrooms, kitchen sinks, balconies, etc.
- Ideal as a coating for waterproofing of roofs, chhajjas, canopies, etc.
- As waterproof coating on internal sides of domestic water tanks.
- Can be applied over internal damp walls and concrete surfaces due to its excellent bonding.

Advantages

- Flexible coating
- This product can be used for both positive and negative side waterproofing due to its excellent bonding
- Excellent adhesion to concrete and masonry surfaces
- Excellent resistance to ingress of water
- Confirms to portable water contact parameters.
- Non-toxic with low VOC content

Properties

Specific Gravity (liquid) : 1.04 +/- 0.05
 Service Temperature : 20 to 110 degrees centigrade
 Pot life : 30 Mins
 Elongation at break : min 50% at 20 Degrees centigrade
 Tensile strength : 1.6
 Crack Bridging : No cracking upto 1mm
 Adhesion to concrete : 1.05
 Curing : Touch dry - 4 hour; Full cure 5-7 Days
 Recoatings : 24 Hours
 Toxicity : Non - Toxic
 Permeability : Nil under 5 Bar pressure

Application Instructions

Preparation

All the surfaces which are to receive flexicon, 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 Quickroc System.

Recommended mixture

Mixing : Mix the polymer concentrate thoroughly with a mechanical mixer using a slow speed drill (500rpm). The powder component should be added gradually to the liquid to avoid lump formation and mixed for 2-4 minutes. Flexicon should be immediately used after mixing.

Waterproof Cement Plasters and Pointing mortars:

Mix thoroughly 15kg Flexicon part A Powder with 5L part B liquid to form a lump free mortar, water quantity can be adjusted to produce the desired consistency of mortar. Damp the surface sufficiently and then apply. For best result prime the surface with Isoheal.

| | Colour | Quantity | Ratio |
|----------------------|--------------------|---------------|----------|
| Part A Powder | Grey | 15 Kgs | 3 |
| Part B Powder | Milky White | 5 L | 1 |

waterproof cementitious coating:

Mix thoroughly 15kg Flexicon part A Powder with 5L part B liquid and 2 L water (can be adjusted as per required consistency) to form a lump free viscous slurry. Damp the surface sufficiently and then brush the slurry. For best result prime the surface with Isoheal. Damp the surface sufficiently and then brush the slurry using long horizontal strokes. For best results, prime the surface with isoheal, before application of Flexicon waterproof cementitious coating

ACRYLIC 2K FLEXIBLE WATERPROOFING MEMBRANE

MIX

| | |
|---------------|-----------|
| Part A powder | 15 Kgs |
| Part B Liquid | 5 litres |
| Water | 2 Litres* |

Coverage:

This depends on the required consistency. The approximate coverage per pack at even consistency (1mm thickness) is as follows

15-18 sqm Per bag of FLEXICON on smooth surface at even consistency (1 mm thickness).

Packaging

Flexicon is available in 15Kg + 5L Packaging. For bulk orders larger size packaging can be arranged.

Precautions

Health and Safety instructions

Flexicon is non-toxic but it is alkaline in nature. Gloves and goggles is recommended to be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought.

Storage

flexicon has a minimum shelf life of 12 to 18 months, if kept in a dry place as moisture will provoke setting



Registered Office:
#63/2/32, 13th cross,
Andralli main road,
Peenya 2nd stage,
Bangalore - 560091

Contact us:

Telephone: +91-9845996034
Email: constructioncoatings@gmail.com

Important Note

Construction coatings products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale. Whilst Construction coatings 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.