



UCOGUARD-XL

WS-123

Polymer Modified Cementitious Waterproofing Coating

Product

UCOGUARD-XL is two component acrylic polymer modified cementitious water proofing coating, brush applied

Composition

UCOGUARD-XL is based on polymeric cement grey powder and white liquid.

Description

UCOGUARD-XL is a ready to use brush applied two-pack polymer modified cementitious protective and waterproof coating membrane. Suitable for a very wide range of application UCOGUARD-XL with its excellent adhesion property to most building materials along with elastomeric properties proves to be an excellent system for waterproofing of old as well as new structures.

Properties

- Elastomeric
UCOGUARD-XL is elastomeric and is unaffected by thermal expansion and contractions caused in structures.
- Excellent adhesion
UCOGUARD-XL adheres to most surfaces such as concrete, plasters, bricks, rebar.
- Excellent waterproofing
UCOGUARD-XL powder consists of water proofing additive and which penetrate the pores and capillaries of the concrete thereby preventing ingress of water. UCOGUARD-XL liquid provides an additional barrier and waterproofing coating to the system that will then resist water under hydrostatic pressure.

Technical Data

Form	Comp A - Powder
	Comp B - Liquid
Colour	Grey
Density	2000 KG/m ³
Mix Ratio.....	Powder : Liquid 2:1
Pot life.....	30 mins at 270c
Bond Strength.....	7 kg /cm ² (approx.)

Advantages

- Excellent adhesion to concrete and masonry
- Allows substrate to breathe
- Bridges hairline cracks
- Economical and easy to use
- Extremely durable
- Flexible with thermal expansion similar to concrete

- High resistance to carbon dioxide attack and alkalis
- For internal and external use
- Non-toxic, Non-Flammable, Chloride-free
- Suitable for all types of structures

Purpose

UCOGUARD-XL is designed for the cost effective waterproofing for all kinds of external and internal masonry and concrete surfaces.

Where to Use

- Terrace water proofing
- Damp walls
- Dampness around kitchen sinks
- Basements, water tanks, balconies
- Retaining walls, bridges
- External and internal waterproofing
- Reservoirs, coastal structures

Method of use

1. Surface Preparation

Substrates should be sound, clean and free from any contaminations like oils, paints, water-repellents, bitumen, release agents.

Correct preparation can be achieved by power wire brushing bush or needle Hammering or high pressure water jetting.

2. Leaks and Water jets

Prior to application of UCOGUARD-XL all leaks and water jets must be stopped.

3. Mixing

The two components are mixed in a clean container with recommended mix-ratio 2:1 (Powder : Liquid) preferably with paddle mixer to get slurry consistency mixing is done until the mix is free from lumps and ensure that a creamy, homogeneous mix is obtained.

4. Application

The prepared substrate should be thoroughly wetted free from excess water, and then UCOGUARD-XL should be applied in 2 coats at 5-6 ft/kg. by brush application.

5. Curing

Protect freshly applied surface from direct sunlight and rainwater.

When 1st. coat is reasonably hard (4 to 6 hours) apply 2nd coat. And thereafter, start curing by sprinkling water for first 24 hours.

Coverage

UCOGUARD-XL will provide coverage of 5-6 ft²/KG in two coats of application at the thickness of 1-1.5 mm dependent upon the surface. UCOGUARD-XL will provide coverage of 5-6 ft²/KG at 1-1.5 mm thickness.

Packing

2+1 KG and 10+5 KG sacks and plastic drums

Storage

- UCOGUARD-XL has a shelf life of 12 months from the date of manufacturing, if stored as per manufacturer's instructions & in manufacturer's original unopened packing.
- Keep away from direct sunlight and store in dry & shade.

- Protect from freezing and moisture.

Handling Precaution

- UCOGUARD-XL is an industrial chemical; required handling precautions should be followed.
- UCOGUARD-XL is non-flammable and doesn't contain any flammable ingredient.
- UCOGUARD-XL is non-hazardous, however inhalation of its dust particles should be avoided. Use of facemask is recommended.
- Prolonged contact with skin should be avoided. Use rubber gloves and boots, when working overhead, goggles should be worn.
- Contact with eye should be avoided. If in contact with eye, wash with water and take medical advice immediately.

Important Note:

All products should be used in accordance with manufacturer's instructions. Every effort is made to ensure that the information is reliable, however we do not accept any responsibility for any work carried out with our material(s) as we have no control over the method(s) used for application, site conditions, weather conditions, etc.

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