



# UCLID TECHNOLOGY LTD.

(CONSTRUCTION CHEMICAL DIVISION)

Reg. Office :  
Plot No. 16, G.I.D.C. Estate,  
PARDI-396 125, Dist. Valsad.  
Gujarat (India.)  
Tele Fax : 0260- 373145  
E-mail : uclidtl@yahoo.co.in

## PRODUCT SUMMARY

www.uclidtechnology.com

### UCOGUARD - XL

WS-123

#### Polymer Modified Cementitious Waterproofing Coating

##### Advantages

- \* Excellent adhesion to concrete and masonry
- \* Allows substrate to breathe
- \* Bridges hair line 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

##### 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.

##### Purpose

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

##### Coverage

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

##### Packing

10 kg. & 27kg. sacks and plastic drums

Our Sole Distributor :

**Innovative** MARKETING

Shop No. 1, Avni Complex,  
G.I.D.C., Estate, Pardi-396 125, Dist. Valsad, Gujarat.  
Phone : (0260) 373551  
E-mail : inn\_marketing@yahoo.co.in

Our Dealer :

## 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

- 1. Elastomeric :**  
UCOGUARD-XL is elastomeric and is unaffected by thermal expansion and contractions caused in structures.
- 2. Excellent adhesion :**  
UCOGUARD-XL adheres to most surfaces such as concrete, platers, bricks, rebars.
- 3. Excellent waterproofing :**  
UCOGUARD-XL powder consist 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 which will then resist water under hydrostatic pressure.

## Where to use

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

## Important Note :-

All product should be used in accordance with manufactures instructions. Every effort is made to ensure that the information is reliable, we cannot accept responsibility for work carried out with our materials as we have no control over methods of application, site conditions etc.

## Technical Data

Form .....	Comp A - liquid Comp B - Powder
Colour .....	Grey
Density .....	2000 kg/m <sup>3</sup>
Mix Ratio.....	Powder : Liquid 3:1
Pot life.....	30 mins at 27 <sup>o</sup> c
Bond Strength.....	7 kg /cm <sup>2</sup> (approx)

## Method of use

- 1. Surface Preparation :**  
Substrates should be sound, clean and free from any contaminations like oils, paints, water-repellents, bitumen, releas eggsents.  
Correct preparation can be achieved by power wire brushing bush or needle Hammering or high pressure waterjetting.
- 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 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, then UCOGUARD-XL should be applied in 2 coated at 5-6 ft/kg. by brush application.
- 5. Curing :**  
Protect freshly applied surface from direct sunlight and rain water.  
When 1st. coat is reasonably hard (4 to 6 hours) apply 2nd coat.  
Start curing by sprinkling water for first 24 hours.

## Storage Life

UCOGUARD-XL has a shelf life of 12 months if unopened in manufacturer's packs in dry conditions.  
Protect from frost.

## Coverage

UCOGUARD-XL will provide a coverage of 5-6 sq.ft./kg. at 1--1.5 mm. thickness.

## Handling precautions

UCOGUARD-XL is mildly alkaline splashes to the skin should be removed with clean water.