



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

UCOHYDRAPEL

WS-124

Silicon Based Water Repellent

Advantages

- * Excellent water repellent
- * Reduces risks of efflorescence,
- * Effective on old or new surfaces
- * Allows surface to breathe
- * Nontoxic non-flammable, Single pack
- * Effective for many years
- * Economical and easy to apply
- * Colourless, hence preserves natural colour and texture of treated surface
- * Self cleaning
- * Protects concrete from aggressive action of de-icing salts
- * Improved thermal insulation
- * Minimises penetration of waterborn dirt and corrosive substances

Product

UCOHYDRAPEL is a colourless water repellent with improved self cleaning properties especially on exterior building brickwork. Complying with BS 6477:84 part 1&2 .

Composition

UCOHYDRAPEL is based on silicone resin

Purpose

To prevent Water-Penetration to reduce efflorescence due to soluble salts in brickwork. To preserve natural colours and texture of treated surface

Coverage

UCOHYDRAPEL has a coverage of 5-5.5M²/Litre.

Packing

5, 20, 50, 100, 210 Ltr 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

UCOHYDRAPEL is supplied as single pack water based colourless silicon liquid repellent impregnation which goes in to the open pores in mineral substrates to prevent water penetration but allows passage of water vapour

Properties

UCOHYDRAPEL repels rain and inhibits ingress surface therefore water provided no hydrostatic pressure.

UCOHYDRAPEL provides high impermeability against penetration of water, salt solution dust or soot particles. It arrest leaking of soluble salts from brickwork which causes efflorescence and absorption of de-icing salts by concrete resulting degradation.

Where to use

- * Exterior building brickwork
- * Concrete Cement/Sand rendering
- * Plastering all types of natural and artificial stone.
- * Concrete blocks, asbestos cement
- * Lime sand brick, facades and exposed building elements.

Technical Data

Form	Colourless Liquid
Sp. gravity.....	1.24 ± 0.01
Solvent.....	Water
Reaction.....	24 Hrs

Method of use

1. Surface Preparation :
The surface must be clean, dry and free from loose particles, grease, oil and algi growth.
2. Dilution :
Dilute (1:9) Mix one part of UCOHYDRAPEL with 9 parts of water and prepare a uniform solution then apply with brush or spray gun to the surface.
Flooding technique should be used for applying to obtain the best penetration. When spraying the solution should not be atomised or misted but flowed on in solid stream with spray gun held at a distance just to eliminate foaming on masonry surface.
UCOHYDRAPEL dries quickly and becomes fully water resistance within 25 hours protect the treated surface against rain and water for 24 hours

Storage

UCOHYDRAPEL has a shelf life of 12 months if stored in cool dry place in unopened container under shade and away from direct sunlight.

Handling Precautions

UCOHYDRAPEL is non-flammable and avoid prolonged contact with skin and eyes.

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.