



# Technical Data Sheet

## Roocryl-017

### “ Acrylic Copolymer Based Transparent, Water Repellant Coating”

#### Description

Roocryl-017 is acrylic copolymer supplied as a ready to use bonding agent in liquid consistency. Roofcryl-017, acrylic based, high performance polymer, is used for Glossy, Transparent. Waterproof coating for granites, stones, tiles of vertical or slope walls or roofs. Not recommended for flat surface exposed to rain (open terraces).

For waterproofing cementitious Substrates in slurry or liquid form with cement/ sand mortar. As Primer Coating for Concrete Surface as below  
Roocryl-017 : Water : Cement = 1 : 1.5 : 1. Mix thoroughly with a stick or stirrer and apply with a thick brush

The product has excellent waterproofing and protection properties. Roofcryl-017 after drying yields a transparent water repellant and water proof coating on almost all substrate

#### Features & Benefits

- \* Glossy, transparent, water repellant coating
- \* Highly waterproof properties
- \* Excellent bonding to the most building materials
- \* Superb breathing
- \* Resilient yet tough hardened cementitious film or mortar
- \* Crack bridging upto 0.40mm
- \* U V Resistant qualities
- \* Improved strength & flexibility
- \* Drying time- fast drying- within 30 minutes, second coat can be applied if exposed to direct sunlight
- \* Easy to apply – can be applied by brush easily
- \* Toxicity- it is non toxic in nature

#### Technical Information

PROPERTIES	SPECIFICATIONS	RESULTS
Physical state/ form		: liquid
colour		: colourless
odour		: slight
solid content roocryl-017		: 41% +/-2
pH ( 1:1 with water )		: 7.5 – 8.0
Minimum film forming temperature( °C )		: +18
Plasticizer content		: free from plasticizer
Specific gravity, 30 C		: 1.03 ± 0.02
Film properties:		
Appearance		: clear
Surface		: tack free

#### Areas of Application

- \* For waterproofing (along with cement and water) small roof terraces, bathrooms, balconies etc.
- \* As a bonding agent – bonding mortar for tile etc.
- \* As topcoat for special finishes such as top rendering water repellant and glossy coat for granite, tiles, stones of walls Not recommended for open terraces.
- \* Building roofs (Sloping) and Exterior Walls made of Cementitious materials, Concrete, Tiles etc.

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## Method of Application

Surface Preparation: The surface must be free from dust, loose material, paint, oil, or any material which may impair adhesion. Wet the surface (for Concrete or cementitious) by sprinkling water minimum one hour before application if the surface is very dry. Roofcryl-017 comes in thick liquid form. After proper dilution with water ( as directed ) and apply with brush at an interval of 2-3 hours between each coat. Allow the coated surface to air cure for 3 days

## Precautions & Limitations

Not recommended for open terraces directly exposed to rain  
Do not apply during rains; substrate must be in SSD condition for application of first coat.  
The product is designed only for foot traffic and not vehicular or movement of machinery or equipment.  
Never Over dilute Roofcryl-017 with water for ease of application

## Coverage

With 1kg packing after dilution with 500ml Water, about 100 -180 sq.ft (Single coat) can be covered depending upon the surface

## Other Details

Packing: **1kg & 5kg**

Shelf Life & Storage

Shelf life is 12 months from the date of manufacturing in unopened condition. store in a cool and dry place.

## Health & Safety Precautions

Skin Contact: Wash skin with soap & water. remove contaminated clothes.

On eye contact: immediately splash eyes with plenty of water. Consult Physician if irritation persists.

Ingestion: not induce vomiting. never give anything by mouth to an unconscious person. Call a Physician.

## General Information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known

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