

SwishCoatings Roof Care Range of Products



Roofcryl-017

Chemical Nature: Aqueous Styrene Acrylate copolymer emulsion

Description

Swish **Roofcryl-017** is **acrylic copolymer** supplied as a ready to use bonding agent in liquid consistency. **Roofcryl-017** is acrylic based high performance polymer used for Glossy, Transparent, Waterproof Coating for Granites, Stones, Tiles etc, for Waterproofing Cementitious Coating in slurry form and cement/ sand mortar form, as Top Finishing, Water Repellant Coating for Roof Care Range of Products.

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

Areas of Application

- * For waterproofing –Small roof terraces, sunken portions of toilets & bathrooms, balconies etc.
- * As a bonding agent –Bonding mortar for tile etc
- * As topcoat for special finishes such as top rendering water repellent and glossy coat for Granite, Tiles, Stones, Walls and Floors.

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 30minutes, 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

Method of Application

1 Surface Preparation

Surface Preparation: On Stones, Tiles, Concrete Roof or walls, surface must be free from dust, loose material, paint, oil, or any material which may impair adhesion. Mechanical means such as wire brushing can be used. Finally vacuum cleaning of all loose solids and liquids can be done if required. Apply two coats of **Roofcryl-017** after proper dilution with potable water, by brush at an interval of 2-3 hours between each coat. Allow the coated surface to air cure for 3 days

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Dilution

With Potable Water (1-2 litre of Water per kg)

Maintenance & Re-Coating of Roofcryl-017

Over a period of time or some years, of **Roofcryl-017** on exposure to weathering or extreme temperature variations, it is extremely easy to re-coat over it again, only application of one coat of **Roofcryl-017** with proper dilution is enough to extend the life for another couple of years

Post Application Maintenance

Clean the surface once in a month with water; Do not Dump any materials on the surface

Precautions & Limitations

Do not apply during rains; substrate must be in SSD condition for application of **Roofcryl-017** 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

General Information:

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

Technical Information

PROPERTIES

Physical state / form		: Liquid
Colour		: Colourless
Odour		: Slight
Solid Content	Roofcryl-017	: 41% +/- 2
	Roofcryl-Super Grade	: 50% +/- 2
Dilution		: with Potable Water
Viscosity at 30°C, Brookfield, 4 /20, ps		: 20– 70
pH (1:1 with water)		: 8.5 – 9.0

Other Properties:

Minimum film forming temperature(°C)	: +18
Particles size, average (micron)	: 0.10
Plasticizer content	: free from plasticizer
Filler acceptance	: Good
Response to thickener	: Good
Specific gravity, 30 C	: 1.03 ± 0.02
Calcium stability	: stable
Mechanical stability	: Good

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Film Properties:

Appearance	: Clear, hard
Surface	: Tack Free

Safety

General safety precautions such as goggles, gloves, and face shields should be used while handling **Roofcryl-017**.

Industrial Hygiene: **Roofcryl-017** is not harmful for the purpose for which it is Intended and processed. It may irritate skin and mucous membrane on prolonged contact.

Labeling: **Roofcryl-017** is non hazardous and doesn't contain substances which have implication for labeling under regulations

Flammability of the Product	: Non flammable (Aqueous)
hpa Flash point	: Not applicable
Ignition temperature	: Not applicable
Lower explosion limit	: Not applicable.

Other Details

Coverage: about 100sq.ft per kg - Two Coats

Packing : 1kg & 5kg & 20kg

Shelf Life & Storage

Shelf life is 8 months from the date of manufacturing in unopened condition. store in a cool & 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.

Other Products Categories Available -

Manufactured By: Roof Care range of Products for Construction Industries.

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