



WeatherCoat Roof Guard

Single component liquid waterproofing membrane

Product composition: WeatherCoat Roof Guard is a single component liquid applied elastomeric waterproofing membrane, impregnated with synthetic fibre. This water-based product comprises special quality acrylic polymer along with reinforcing polyester fibres which, after curing, forms a brilliant white coloured, durable seamless membrane - like waterproofing coating over the applied surface that stops water penetration.

USP

Features	Benefits
Usability	Single component, user friendly water-borne product with brushable/trowellable consistency
Self-priming	Can be used as primer on dilution with water
Water permeability	Remarkable resistance towards ingress of water
Adhesion	Strong adhesion to masonry surfaces, breathable coating
Flexibility	Elongates with substrates to prevent cracking up to 0.7 mm
Mechanical strength	Suitable for foot traffic on roof area
Heat reflectance	Outstanding whiteness after curing reflects heat; providing cooling effect on the construction
Economical	Can be re-coated for repairing/maintenance purpose
Non-toxic	Non-toxic with low VOC

Usage area: For waterproofing of old or new concrete/masonry areas. On both horizontal and vertical surfaces. On cementitious waterproofing applications like Latex Shield 2K, brick-bat coba etc.

DIRECTIONS FOR USE

Surface Preparation: The surface to be applied should be clean and free from any kind of contamination, dirt, tar, bitumen coating etc. | Thoroughly wire brush the surface and clean the surface by air compressor or by water-jetting. | Oil and grease must be removed using degreasing solvents. | All cracks on parapets, corner joints and roof surfaces should be taken care of minutely | All types of plumbing leakages must be repaired | Any damaged surface must be repaired by using crack fillers or polymer modified repair mortar like Advanced Latex Plus | In case of horizontal application—appropriate sloping must be created, if not present already.

APPLICATION METHODS

PRIMING APPLICATION: Priming is essential for all types of application—vertical and horizontal

Product	Stage	Dilution	Application Tool	Inter-coat Period
WeatherCoat Roof Guard	Self-priming	1:1 (with water)	Brush	4-6 hours

PRODUCT APPLICATION

Horizontal Waterproofing

Product	Stage	Forced Coverage (sq. ft./1tr/coat)	Application Tool	Inter-coat Period
WeatherCoat Roof Guard	Waterproofing 1st coat	25 - 30	Hard brush/roller	4-6 hours
WeatherCoat Roof Guard	Waterproofing 2nd coat	25 - 30	Hard brush/roller	4-6 hours

Vertical Waterproofing

Product	Stage	Forced Coverage (sq ft/ltr/coat)	Application Tool	Inter-coat Period
WeatherCoat Roof Guard	Waterproofing 1st coat	30 - 35	Hard brush/roller	4-6 hours
Exterior paint top coat	Decorative 1st coat	As specified	As specified	As specified
Exterior paint top coat	Decorative 2nd coat	As specified	As specified	As specified

TECHNICAL DATA

Properties	Results
Aspect	White viscous liquid
Density	Around 1.35 Kg/ltr at 30°C
Tensile strength *	Around 25 Kgf/cm ²
Elongation at break *	Around 150 %
Service temperature	Around (5°- 40°C)

* Under conditional treatment of ambient and water curing of the application.

PRODUCT INFORMATION

1	Shelf Life	Best before 24 months from the date of production, if stored properly in unopened, undamaged, original packaging in dry conditions at 5-30°C with protection from direct sunlight and frost.	2	Packaging	4 ltr and 20 ltr
	2	Storage	Store under cover, away from direct sunlight and protect from extreme environment. In hot temperature conditions, it must be stored in a temperature controlled atmosphere around 30°C.	3	Coverage
				4	Health and Safety Precautions

POINTS TO NOTE

- Rising damp areas with existing structural defects need to be rectified first before application.
- Must be protected from direct sunlight, raining or extreme weather conditions at green stage of application.
- Horizontal applications should be prevented from maltreatment, which may cause perforation of the membrane.
- End-to-end application, instead of part application, is always recommended for best results.

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