

HOME SHIELD ROOF GUARD



SCIENTIFIC WATERPROOFING SOLUTIONS



Product Attributes



Economical

Can be re-coated for repairing/maintenance

Microbial resistance

Good microbial resistance and anti-efflorescent

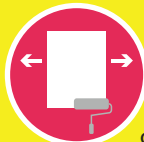


Usability

User friendly, brushable, trowelable consistency

Water permeability

Remarkable resistance to water ingress



Flexibility

Elongates with substrates to prevent cracking up to 2mm

Adhesive properties

Strong adhesion to masonry surfaces



Breathability

Breathable coating with moderate dirt pick up resistance

Heat Reflectance

Outstanding whiteness after curing
Good SRI property provides cooling effect



Self-Priming

Used as a primer on dilution with water

Mechanical Strength

Suitable for foot traffic on roof area



Green Pro Certified

Validates our effort in striving towards cleaner, more sustainable future

Product Description

Home Shield Roof Guard is a water-based coating comprising 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.

Recommended Use

- Old and new concrete/ masonry areas
- Both horizontal and vertical surfaces
- Cementitious waterproofing applications

Coverage



Horizontal Waterproofing:
25-30 sq.ft./L/coat
Vertical Waterproofing:
30-35 sq.ft./L/coat

Toxicity



Non- toxic, with low VOC

Dilution Ratio



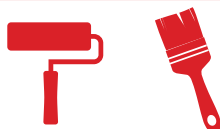
For Self-Priming
HS Roof Guard : Water = 1:1

Crack bridging



No cracking up to 2 mm

Application Method



Roller / Brush

Density



Around 1.35 Kg / L at 30° C

Tensile Strength (Max)



Around 25 Kg/cm²

Aspect



White viscous fluid

SRI (%) [Only applicable White Base] ASTM E1980 -11



>100

Elongation at break



Around 150%

HOME SHIELD ROOF GUARD



Packs



4 L & 20 L

Warranty



11 years' waterproofing warranty on Roof Horizontal Surface*

*(T&C Applied, please refer to warranty guide)

Shelf Life

36 months from the date of manufacture

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.

Directions for Application

For Priming: Priming is essential for all types of application-vertical & horizontal

Product	Stage	Dilution	Application Tool	Inter- coat Period
HS Roof Guard	Self-priming	1:1 (with water)	Brush	4 – 6 hrs.

Horizontal Waterproofing

Product	Stage	Forced Coverage (sq.ft. / Ltr/ Coat)	Application Tool	Inter- coat Period
HS Roof Guard	Waterproofing 1 st coat	25-30	Hard Brush/Roller	4-6 hrs.
HS Roof Guard	Waterproofing 2 nd coat	25-30	Hard Brush/Roller	4-6 hrs.

Vertical Waterproofing

Product	Stage	Forced Coverage (sq.ft. / Ltr/ Coat)	Application Tool	Inter- coat Period
HS Roof Guard	Waterproofing 1 st coat	30-35	Hard Brush/Roller	4-6 hrs.
Exterior Paint Topcoat	Decorative 1 st coat	As specified	As specified	As specified
Exterior Paint Topcoat	Decorative 2 nd coat	As specified	As specified	As specified

Precautions

- Rising damp areas with existing structural defects needs to be rectified first before application
- Must be protected from direct sunlight, raining or extreme weather condition at green stage of application.
- Horizontal application shall 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.

Storage

- Store under cover, away from direct sunlight and protect from extreme environment.
- In hot temperature conditions, it must be stored in 30° C controlled temperature.

Health & Safety

- While using HS Roof Guard use rubber hand gloves, dust mask and safety goggles.
- HS Roof Guard is alkaline and contact with skin or eyes should be avoided.
- In case of any contact to eyes should be washed immediately with clean water and seek medical advice.

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