

## RAIN GUARD

ACRYLIC BASED EXTERIOR ELASTOMERIC WATERPROOF COATING.

### Description

**RAIN GUARD** is an exterior acrylic elastomeric coating that offers waterproofing as well as aesthetics in a single pack. It provides the complete solution to prevent dampness and seepages that spoil the expensive interiors and decorative interior paints. It is highly user friendly and Eco-friendly.

**RAIN GUARD** is elastomeric in nature and has good resistance to weather and sunlight.

**RAIN GUARD** has excellent flexibility, breathing properties, water resistance, crack bridging properties, weathering durability, and excellent resistance to growth of microbial organisms.

### Technical Information

Nature	Acrylic co-polymer with special additives
Primer	Clean potable water in 1:1 ratio 1 part Rainguard:1 part Water
Drying time	Dry to touch– 30 minutes
Solid Content	62%
Specific Gravity	1.2
Tensile strength ASTM D 2370	3.8 @275 micron
Pull off Bond Strength (ASTM D 7234)	3.2 Mpa
Recoating period	Minimum 6-8 hrs. at room temperature (ideally 24 hrs.)
No. of coats	2, depending upon the substrate & D.F.T. 250-300 Microns
Shades	As per standard shade card
Elongation	300-400%

## Constro Chem India Pvt Ltd

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## Areas of Application

- As a weatherproof, protective and decorative coating for exterior masonry, concrete, cement, sand rendered surfaces, all types of exterior walls, etc. Also can be used on all types of dry wall surfaces like gypsum, cement fiber boards, etc.
- With concrete repair works as an elastic protective top coating on Repair Guard ready mix polymer mortar

## Features & Benefits

- Crack-bridging even at low temperatures (-20°C)
- Water vapor permeable
- Very good resistance against weathering and ageing.
- Suitable for saline environment due to anti-carbonation properties
- Excellent resistance to microbial organisms like algae and fungi maintaining its aesthetic value
- Environmentally friendly (solvent free)
- Reduced tendency to dirt pick up and contamination

## Direction for Use

Adequate surface preparation as given below is necessary for product performance.

### SURFACE

### PREPARATION NEW

### MASONRY

RAIN GUARD Elastomeric Waterproof coating should not be applied to fresh concrete and to other surfaces less than seven days old. Ideally concrete should be allowed to cure for 28 days before application. Power wash to ensure no under bound sand or cement remains on the surface. Allow the surface to dry and apply RAIN GUARD

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## EXISTING MASONRY

- Power wash to remove all loosely adhered coatings, dirt, mild dew and other contaminants
- Fill any existing cracks up to 3mm with Crack Guard (Acrylic Crack filler) paintable sealant. And more than 3mm with Repair Guard (Ready to use Polymer Repair Mortar)

## Application of Rain Guard

- RAIN GUARD Elastomeric Waterproof Coating can be applied by brush or roller. The material is to be diluted with specified percentage of water. Dampen the surface slightly with water.
- Apply first coat add 15% of water in Rain guard at the spread rate of 35-40sq-ft per Kg, allow it to dry for minimum 6 hrs. (Preferably 24 hrs.) Before application of second coat. Apply second coat of RAINGUARD add 10% of water and apply at the spread rate of 30- 35sq-ft per Kg.

## Safety precautions

- The substrate should be free from Chalking
- All dust, grease and loose paints, powdery particles, fungus and algae need to be completely removed from the walls.
- Fill the existing cracks more than 3mm in size with REPAIR GUARD.

## Packaging

25 kgs.

## Storage and Shelf life

12 months in original packing if stored at room temperature i.e.25°

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