

RAIN GUARD (An acrylic based exterior elastomeric waterproofing)

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.

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.

ADVANTAGES:

- 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 picks up and contamination.

TECHNICAL SPECIFICATIONS:

Sr. No	Specifications	Technical Details
1	Nature	Acrylic co-polymer with special additives
2	Solid content by volume	62 %
3	Coverage	20 - 25 sq. ft/ltr/2 coats
4	DFT	250-300 Microns
5	Tensile Strength	4 N/mm ² ASTM D 638 @ 275 micron
6	Pull of adhesion Strength / Bond Strength	3.2 Mpa (ASTM D 4541)
7	Elongation @ break	>400 % ASTM D 638
8	Recoating Period	Minimum 6-8 hrs. at room temperature (ideally 24 hrs.)

METHOD OF APPLICATION:

SURFACE PREPARATION:

- 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 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).
- 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 RAIN GUARD add 10% of water and apply at the spread rate of 20- 25 sq-ft per Kg.

APPLICATION:

By brush or roller after surface preparation

STORAGE & SHELF LIFE:

Store away from direct sunlight. 1 year in tightly sealed container.

PACKAGING:

25 Kg

SAFETY PRECAUTIONS:

Wear gloves, goggles, and mask to avoid skin and eye contact. wash hands thoroughly after use. In case of skin contact, wash with soap and water, and seek medical attention if irritation.

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