



RESI-POLYPROOF

POLYMER BASED WATERPROOFING SYSTEM

TECHNICAL DATA SHEET



INTRODUCTION	RESI-POLYPROOF is an acrylic polymer which is used with OPC/ white cement. Due to its excellent water resistance property, RESI-POLYPROOF can be applied on new as well as old structures.
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AREAS OF APPLICATION	This system can be used in most of the structures and has special application for Terrace, Pavement, Chajja, Ceilings, Toilets and Sunken area etc.
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FEATURES & BENEFITS	<ul style="list-style-type: none">• Excellent bonding property• Mixes well with cement, both OPC and white• Being acrylic based, the film is UV resistant• Increases durability
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PHYSICAL PROPERTIES	Appearance : Milky white liquid
	Type : Acrylic emulsion
	% Solid Content : 40 ± 1
	Viscosity by B4 FC at 30°C[sec] : 13 - 20
	pH : 8.5 - 10
	Film formation : Excellent
	Pot life : 20 mins
	Water penetration : 42 %

	Surface preparation The surface preparation is most essential part of water proofing treatment. Following steps are recommended: Remove all loose materials, dust, fungus, moss, oils and
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INSTRUCTIONS FOR USE

grease etc. using mechanical means like wire brush, hard brooms, chisel or sandblasting

Removal of old tar coating, grease, oil etc, is preferred by using organic solvents

Application Technique

Once the surface to be treated has been thoroughly cleaned. Moisten the surface with water jet one hours prior to the application of RESI-POLYPROOF

Coat the surface with a primer prepared by mixing water in RESI-POLYPROOF in the ratio of 1:1.

Prepare following Cementitious composite coating slurry by mixing cement with RESI-POLYPROOF.

RESI-POLYPROOF	:	1 kg
Cement	:	1 kg
Water	:	To get brushable consistency

Prepare slurry 30 minutes before its application.

Apply slurry with brush and allow surface to dry for about ½ - 1hr. In case the slurry gets absorbed in cracks. Give additional coating in those specific areas till the absorption stops.

- Apply second coat by brush. If necessary, third coat can be applied to ensure the desired performance.
- Application should be done when the atmospheric temperature is more than 10°C. In hot weather application should be carried out during evening time to avoid fast evaporation of water from the system.
- The coated surface should be protected using polyethylene sheets or damp gunny bags to avoid fast drying of the coating.
- Keep the surface moist with damp gunny bags for about 5-7 days and then the coating can be exposing to air curing.

PACKING

1, 5, 20, 110 and 240 kg in HDPE containers

COVERAGE

30 sqft/ kg. [1:1 Cement to Resi Polyproof]

SHELF LIFE

RESI-POLYPROOF can be stored in packed condition for one year.

SAFETY DATA

HEALTH HAZARD: RESI-POLYPROOF is basic in nature. It is recommended to take necessary precaution, which one would take while handling alkaline substance. Use rubber hand gloves, splash goggles etc. Direct contact with any part of the body, especially with eyes must be avoided. In case of contact or splash into eyes, wash with water immediately and consult a physician.

FIRE HAZARD: By itself it cannot catch fire. If comes in contact with alkali, heat and fumes can get generated.

DISCLAIMER

This information is given to the best of our knowledge. There is no legally binding assurance of certain properties for a specific purpose. The customer is responsible for determining whether the product and Information provided here is appropriate for his use. It is the sole responsibility of the customer to ensure that any proprietary rights and existing laws and legislation are observed.

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