K2 ELASTOMERIC

Decorative Elastomeric Exterior Waterproof Coating

Description:

ELASTOMERIC is composed of high build flexible acrylic emulsion polymer weather durable polymer and additives biocides to ensure waterproofing. It has excellent flexibility, forms high film thickness, water resistance, crack-bridging ability, breathing properties and an excellent resistance to the growth of microorganism.

Area of Application:

- All types of exterior concrete surface.
- All types of vertical exterior plaster surface of the building.

Benefits:

- Single component, Ready to use.
- Ease of application- by brush, roller or spray.
- Excellent flexibility-Crack bridging ability.
- Excellent bonding with cement base substrates.
- UV resistant & Eco friendly
- Resistance to fungus and algae.
- Breathable coating.
- **8 years waterproofing warranty.**
- Anti-Carbonation properties.
- Water cleanable when clean.

Technical Properties:

Properties	Result
pH @ 25˚C	9±1
Drying time	30 minutes to 4 hours (as per temperature & humidity)
Microbial resistance	No growth (Anti-Microbial coating)
Penetration of chloride ion	Very low
Dry Film Thickness	100 to 130 microns (2 coats)
Elongation	400%
Density	1.3 ± 0.02 g/cc
Tensile Strength	1.41 N/mm²
Crack Bridging	2 mm

Application Instruction:

SURFACE PREPARATION

- The Surface should be sound and clean, free from dust, grease, oil, loose material, paint etc.
- Clean the surface thoroughly with a wire brush or shot blasting (if require) and remove the loose particles.
- Repair the surface cracks up to 5 mm by K2 Krack Seal. Cracks more than 5 mm should be repaired by K2 Bond SBR modified mortar.
- All new cement, sand renderings/concrete surfaces should be allowed to age 6 to 8 weeks before surface coating.

PRIME COAT

- The Surface should be in SSD condition before priming.
- Dilute 2 parts of UNIPRIME with 1 part of water.
- Allow primer to dry for at least 4 to 5 hours.
- Apply with brush or roller.

APPLICATION PROCESS

- Use ELASTOMERIC directly from the container. Stir contents well before use.
- Apply the first coat of ELASTOMERIC by brush or roller.
- Allow the coating to dry for 4-5 hours.
- Apply Second coat at Right Angle of first coat.
- If required additional coat can be applied.
- Allow the coating to dry and cure for minimum 7 days.

Precaution:

- Do not apply ELASTOMERIC on wet and damp surface.
- Do not apply when ambient temperature is below 10°C or above 45°C.
- Do not apply in direct sunlight or during rain.
- Do not dilute more than 20% with water (When used for primer coat).

Coverage:

30 to 35 sq.ft. /2 coats/1 Ltr.

Packing:

ELASTOMERIC is supplied in 1ltr, 4ltr, 10ltr and 20ltr Pack.

Shelf Life and Storage:

ELASTOMERIC has a Shelf life of 12 months from the date of manufacturing. Store the material in cool and dry place. Keep away from direct sunlight and heat.

Health & safety:

ELASTOMERIC is not hazardous. It should not be swallowed or allowed to come into contact with the skin and eyes. Protective gloves, Nose mask and goggles should be worn. Contact with the skin for long tenure should be avoided. In case of contact with the eyes, it should be rinsed immediately with a plenty of water and sought medical advice immediately.

FIRE

ELASTOMERIC is non-flammable.

Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.

Important Note:

KONKEM Industries Private Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst KONKEM Industries ltd endeavors to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it or its application.

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