



## रेंगार्ड™ (Acrylic Elastomeric Waterproof Coating)

**Aquaproof रेंगार्ड** is composed of high quality acrylic emulsion polymer, properly selected & graded fine fillers, many additives & water as a medium. It is used as a waterproofing & protective coating for exterior walls of the building because it forms higher film thickness, has excellent flexibility, breathing properties, water resistance, crack-bridging ability, weathering durability and an excellent resistance to the growth of micro-organisms.

**WHERE TO USE:** All types of exterior masonry surfaces, concrete, cement-sand renderings etc. Applicable on asbestos sheets also.

### HOW TO USE:

**(A) SURFACE PREPARATION:** All new cement-sand renderings/concrete surfaces should be allowed to age for 6 to 8 weeks before surface coating. Surface must be cleaned of all laitance, loose material, oil, grease, etc. by methods such as wire brushing & shot blasting. All surface cracks up to 5mm width should be filled up with Aquaproof Krack-X or Aquaproof Krackfill.

**(B) PRIMING:** Prime the surface with Aquaproof's Aqua Sol and allow it to dry for 4 to 6 hours.

**APPLICATION:** Use रेंगार्ड directly from the container. Stir contents well before use. Dilute रेंगार्ड with 30% of water & then apply two coats of it at the interval of 4 to 6 hours at 30°C. For enhanced protection, apply additional coat of रेंगार्ड on rain lashing walls, chajjas and parapet walls. Allow the coated surface to air cure (natural cure) fully for 7 days.

### ADVANTAGES:

- **Flexibility:** Highly flexible and covers hairline cracks up to 0.5 mm effectively so that there is no ingress of water.
- **Elasticity:** High elasticity easily withstands stress caused by thermal expansion & contraction (>100% elongation at 110-120 micron DFT)

- **UV resistance:** Resistance to UV(Sun light); hence coating has longer life.
- **Film thickness:** Higher film thickness provides resistance to the movements of structures, gives crack bridging ability & waterproofing properties.
- **Toughness:** Tough films withstand wind driven rain.
- **Microbial resistance:** Resistance to fungus and algae; hence maintains the aesthetic value.
- **Ease of application:** User friendly, easily applicable by brush, roller or spray.
- **Toxicity:** It is non-toxic.
- **Water resistance:** It is powerful & and gives toughness against weathering effect.
- **Breathability:** It has property of breath ability.

**COVERAGE:** 35-40 sq.ft/kg in 2 coats

**STORAGE:** Store in a cool and dry place. Keep away from direct sunlight and heat.

**PRECAUTIONS:**

**BEFORE USE:** Recommended to be primed with Aquaproof's Aqua Sol only. Do not apply when ambient temperature is below 10° C. or above 45° C. Do not apply in direct sunlight or during rains. Adhesion property may get affected over poor quality putty and very smooth surfaces.

**HEALTH & SAFETY PRECAUTIONS:**

**Skin Contact:** Wash skin with soap & water. Remove contaminated clothes.

**On Eye Contact:** Immediately splash eyes with plenty of water. Consult Physician if irritation persists

<b>SHELF LIFE:</b>	<b>PACKAGING:</b>
Shelf life is 12 months from the date of manufacturing in unopened conditions.	1,4,10 & 20kg plastic container

**Corporate Office:**