



# SCT RAIN PROOF

LIQUID ELASTOMERIC EXTERIOR/INTERIOR WATERPROOF CUM DECORATIVE COATING

Advance German Chemical Technology

## DESCRIPTION

SCT RAIN PROOF is a heavy-duty elastomeric waterproofing polymer coating, fortified with premium natural fillers. As a single-component, ready-to-use solution, it provides excellent UV resistance and is ideal for safeguarding vertical, horizontal, and sloping surfaces against water infiltration. Its white color enhances its effectiveness as a single-component heat-reflective waterproofing coating while also preventing the growth of fungus and algae.

## ADVANTAGES

SCT RAIN PROOF is distinguished for its versatility and durability, making it a reliable single-component application. Ready for immediate use with a brush or roller, it offers convenience and efficiency. The product exhibits outstanding adhesion to a broad spectrum of building materials, including wood and metal. Notably, it effectively bridges cracks up to 0.5mm wide and accommodates structural and thermal movement without cracking. The tinting option provides versatility in color choices. Moreover, it guarantees long-term durability, showcasing excellent resistance to heavy rain, monsoons, and stagnant water. This eco-friendly and non-toxic coating stands as a sustainable choice. Its weatherproof and protective attributes, coupled with high resistance to dirt pickup, ensure vibrant and enduring color retention. Additionally, it is easily washable with a damp cloth, enhancing its user-friendly features..

## AREAS OF APPLICATION

Ideal for exterior wall coating on residential, commercial, and industrial buildings, including hospitals, colleges, warehouses, and drywall surfaces such as Gypsum, asbestos, concrete, and masonry.

## METHOD OF APPLICATION

### SURFACE PREPARATION

Prior to application, ensure a clean and prepared surface by cleaning and washing with alum to remove all traces of paint, dust, dirt, oil, grease, and any loose or unsound materials. Repair any damaged or hollow areas of the wall using polymer-modified mortar. If re-putty is required, it's recommended to mix it with SCT Oxicrete URL for added water resistance and strength.

### PRIMING SELF PRIMING CONVIENENCE

Primarily, for good quality, dense concrete or a high-quality concrete surface, priming is not necessary. To initiate, prime the surface using SCT RAIN PROOF diluted at 10% with water, utilizing a brush, roller, or spray. Thoroughly stir the mixture before applying. **weight of the product.**

**Primer coverage:** 45 to 60 sqft/kg depending on surface porosity.

**Touch drying time:** 1-4 hours depending on weather conditions.

### APPLICATION

Next, apply SCT RAIN PROOF without dilution in normal conditions for immediate use with a brush or roller. However, during hot weather, a slight 5% dilution is recommended to enhance workability. It's essential to note that excessive dilution, particularly during hot weather, is not advised as it could impact the coating's durability and lifespan. Maintain a one-hour interval between two coats, and allow the coating to air cure for 48 hours.

**COVERAGE:** On an ideal smooth surface, expect approximately 30-35 Sq. Ft per kg. Actual coverage may vary based on surface absorption and porosity.

### HEALTH & SAFETY

Prioritize safety with gloves and goggles to shield your skin and eyes. Promptly wash eyes if the product makes contact and seek medical advise.

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## TECHNICAL DATA SHEET

**CHEMICAL NATURE:** Acrylic co-polymer with special additives

**COLOUR:** White

**SOLID CONTENT:** 60%  $\pm$ 2%

**FINISH:** Smooth

**SPECIFIC GRAVITY:** 1.30

**DRY TOUCH TIME:** At 25°C Approx 1 Hour

**CURING TIME:** 72 Hours Approx at 25°C

**CHEMICAL RESISTANT:** Good

**WATER PERMEABILITY:** Zero

**VISCOUS LIQUID INSULATION NATURE:** GOOD

**UV RESISTANT:** Yes

**CRACK BRIDGING:** 0.5 mm

**ALGAE & FUNGAL RESISTANT:** Excellent

**DFT-APPROX:** 115 to 120 micron

**FILM APPEARANCE:** Smooth & uniform

**AMBIENT AIR TEMPERATURE:** 8°C Min. +45°C Max

## LIMITATIONS

Apply caution during rain and avoid using on fresh concrete or plaster until 15 days of curing.

Ensure application on properly prepared surfaces.

Adhere to recommended maximum layer thickness.

Enhance waterproofing with a minimum of 2 coats;

opt for 3 coats in areas of intense water penetration.

Safeguard newly applied material from rain and adverse weather conditions.

## PACKING

11 KG, 22 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack.

Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.

