



# SCT Luxuriate Diamond++

HEAVY DUTY LIQUID ELASTOMERIC WATERPROOF MEMBRANE SYSTEM

Advance German Chemical Technology

## DESCRIPTION

SCT Luxuriate Diamond++ represents a premium elastomeric waterproofing and vapor-proofing membrane crafted from advanced acrylic polymers. This single-component, ready-to-use solution exhibits outstanding UV resistance and is applicable on both vertical and horizontal surfaces, including slopes. The enhanced longevity of Diamond++ surpasses its predecessor, ensuring prolonged durability for structures. With inherent anti-fungal and anti-algae properties, this membrane is adept for application in humid and damp conditions. Thanks to its elastomeric nature and superior crack-bridging capabilities.

Overall, SCT Luxuriate Diamond++ is a superior, high-performance product that enhances protective coatings. With extended longevity, it builds upon the excellence of SCT Luxuriate Diamond, providing waterproofing, vapor-proofing, UV resistance, heat reflectivity, anti-fungal, anti-algae properties, and exceptional crack-bridging capabilities against thermal movement.

## ADVANTAGES

**Ready to Use:** Single-component solution for instant application.

**Flexible Application:** Brush or roller, your choice.

**Texture application:** Apply on damp exterior/interior walls as texture.

**Stays Clean:** Resists dirt pick-up, maintaining a fresh look.

**Strong Adhesion:** Bonds excellently with various materials.

**Crack-Proof:** High flexibility to prevent cracks.

**Weather Guard:** Protects against elements and movement.

**Monsoon-Proof:** Withstands heavy rain.

**Custom Color:** Tintable shades for personalization.

**Eco-Friendly:** Non-toxic, solvent-free, and sustainable.

**Quick Dry:** Touch dry in just one hour.

**Water Resistant:** Unmatched protection against water.

**UV Resistant:** Can be applied on roofs, terraces, or open areas under direct sunlight.

## AREAS OF APPLICATION

SCT Luxuriate Diamond ++ offers top-notch protection across a wide range of areas, including exterior and interior walls, terraces, concrete roofs, swimming pools, water tanks, basements, lift pits, R.C.C. foundations, baths, toilets, sunken areas, balconies, planters, terrace gardens, podiums, masonry, asbestos cement sheets, cement concrete surfaces, water retaining structures, pits, basins, and sumps.

## METHOD OF APPLICATION

### SURFACE PREPARATION

To ensure effective application of SCT Luxuriate Diamond ++ waterproofing membrane, a series of key steps must be followed. Begin with surface preparation, involving gentle cleaning, chiseling, and a mild alum-based wash to remove paint, dust, dirt, oil, and grease. Address any damages or hollow areas using a polymer modified mortar(Oxicare URL). For broader surface cracks, employ a cement polymer paste (1 kg Oxicare URL to 10 kg Cement and water) to cover hairline cracks and prevent water infiltration.

### PRIMING Self-Priming Convenience

Dilute SCT Luxuriate Diamond ++ by 20% with water. Apply using a brush, roller, or spray. Stir well. Integrate fiber cloth into wet primer for optimal results.

### For 2nd and 3rd Coat

#### Application (Diamond ++)

Apply SCT Luxuriate membrane directly onto the primer using a brush or roller. Applying 2 or 3 coats at intervals of 4 hours is suggested for improved long-term results. Allow the coated surface to air cure for 7 days to achieve optimal outcomes. Initial touch dry time of 4 Hours. Sprinkle sand on the top coat while wet, then apply plaster or tiles (with adhesive only).

## COVERAGE

1Kg/10 Sq.ft./coat with Fiber cloth/mesh/fabric at 1mm Thickness. Coverage, however, is subject to the surface condition.

## NUMBER OF COATS

2 coats

## COATING THICKNESS IN 2-3 COATS

1 mm - 1.4 mm

# SCT Luxuriate Diamond++

HEAVY DUTY LIQUID ELASTOMERIC WATERPROOF MEMBRANE SYSTEM

Advance German Chemical Technology

## PRODUCT DATA

**Chemical Nature:** Acrylic Copolymer With Special Grade Fillers, additives.

**Color:** White

**pH Value:** 7.5 - 8

**Solid Content:** 80%

**Finish:** Smooth/matte

**Elongation:** 100%

**Dry Time:** 1 Hour at 25°C Approx.

**Air Curing Time:** 48 Hours Approx At 25°C

**Chemical Resistant:** Good

**Water Permeability:** Zero

**Viscosity At 23°C:** 1.14

**Insulation Nature:** Good

**UV Resistant:** Yes

**Crack Bridging:** 2mm

**Density:** 1.3 Approx.

**Algae & Fungal Resistant:** Excellent

**Final Dry Time:** 7 Days

**Min-Max Substrate Temperature:** +7°C - 45°C

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.

In case of skin contact, rinse with clean water.

In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 KG, 20 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.

