



SCT Luxuriate Diamond

LIQUID ELASTOMERIC WATERPROOF MEMBRANE SYSTEM

Advance German Chemical Technology

DESCRIPTION

SCT Luxuriate Diamond is a high-quality elastomeric waterproofing and vapor-proofing membrane made from acrylic polymers. It is a single-component, ready-to-use product that offers excellent resistance to UV radiation. This membrane is suitable for application on both vertical and horizontal surfaces, including sloping surfaces. The white coating color enhances reflectivity, effectively reducing temperatures by up to 15%. The product is also anti-fungal and anti-algae, making it suitable for use in humid and damp conditions. Due to its elastomeric and crack-bridging properties, it is an excellent mastic waterproofing membrane that provides long-term durability to buildings. Overall, SCT Luxuriate Diamond is a high-performance product that offers a range of benefits, including waterproofing, vapor-proofing, UV resistance, heat reflectivity, anti-fungal and anti-algae properties, as well as excellent crack-bridging properties to resist thermal movement.

ADVANTAGES

- Ready to Use:** Single-component solution for instant application.
- Flexible Application:** Brush or roller, your choice.
- Damp Surface Friendly:** Apply on damp backgrounds.
- 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.

AREAS OF APPLICATION

SCT Luxuriate Diamond offers top-notch protection across a wide range of areas, including 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 (Oxcrete URL). For broader surface cracks, employ a cement polymer paste (1 kg Oxcrete URL to 10 kg Cement and water) to cover hairline cracks and prevent water infiltration.

PRIMING Self-Priming Convenience

Primarily, for good quality, dense concrete or a high-quality concrete surface, priming is not necessary. However, for porous surfaces, dilute Flexile Membrane Diamond with 20% water by weight of the product. 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.

Primer coverage: 40 to 60 sqft/kg depending on surface porosity.

For 2nd and 3rd Coat Application (Diamond)

Apply SCT Luxuriate Diamond membrane directly onto the primer using a brush or roller. While a minor 5% water addition can enhance workability, it's not a recommended practice. Applying three coats at intervals of 1 to 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 1 to 4 Hours.

COVERAGE

1Kg/20-25 Sq.ft./coat with Fiber cloth/fabric at 1mm Thickness. Coverage, however, is subject to the surface condition.

NUMBER OF COATS

2 coats

COATING THICKNESS IN 2-3 COATS

2 coats - 0.8 mm - 1mm (approx)

3 coats - 1.4 mm (approx)

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PRODUCT DATA

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

Color: White

pH Value: 7.5 - 8

Solid Content: 65 ±2%

Finish: Smooth/matte

Elongation: 150%

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: 114

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.

