SCT Waterproofing
Built To Last

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OXICRETE 50

Pure Acrylic Polymer Liquid Modified Cementitious Coating

Advance German Chemical Technology

DESCRIPTION

Oxicrete 50 is a state-of-the-art pure acrylic polymer liquid modified cementitious coating, developed with advanced German chemical technology. This high-performance solution serves as a formidable waterproofing system for various applications.

ADVANTAGES

Heavy-Duty Chemical Coating: Oxicrete 50 offers exceptional durability, protecting concrete against corrosion, heavy monsoon rains, and exposure to salty water and excellent UV resistance.
Versatile Application: It can be easily applied by brush, roller, or spray, providing flexibility for different surfaces.
Outstanding Adhesion: This coating demonstrates excellent adhesion with all types of building materials, ensuring reliability in various applications.
Eco-Friendly and Non-Toxic: Oxicrete 50 is environmentally friendly, non-toxic, and comprises 50% active ingredients, ensuring both safety and sustainability.

AREAS OF APPLICATION

Oxicrete 50 is a versatile solution that finds its perfect application across a diverse range of construction projects. From safeguarding roofs, terraces, and toilets to enhancing sunken areas, brick cobas, and screed, it serves as a reliable choice. Whether you need to protect swimming pools, water tanks, or bridge decks, Oxicrete 50 ensures exceptional performance. Its adaptability makes it a valuable asset for a wide spectrum of construction and waterproofing requirements.

METHOD OF APPLICATION

SURFACE PREPARATION

Proper surface preparation is crucial for optimal results. Ensure thorough cleaning, free from dust, oil, loose or unsound material, old coatings, and any deposits that could affect bonding. Pre-wet the surface at least one hour before applying Oxicrete 50, ensuring a damp but not wet surface.

APPLICATION:

Mixing Ratio: Combine Oxicrete 50 in 1:1:3 (chemical: water:cement). Fiber mesh/cloth can be added for enhanced, long-term durability. It is recommended to apply 2 coats or 3 coats for the best results.
Coverage: 1 kg of Oxicrete 50 mix will cover approximately 3 sq. mt. in two coats, dependent on surface porosity. Apply the mix by brush on the surface, with fiber mesh or fiber cloth used for reinforcement and better results between the first and second coats.
Mixing Ratio: Combine Oxicrete 50 in 1:2 (chemical: cement). Fiber mesh/cloth can be added for enhanced, long-term durability. It is recommended to apply 2 or 3 coats for very high durablity.
Coverage: : 1 kg of Oxicrete 50 mix will cover approximately 30-35 sq. ft. in one coat, dependent on surface porosity. Apply the mix by brush on the surface, with fiber mesh or fiber cloth used for reinforcement and better results between the first and second coats.
In high-temperature conditions, before application of the top coat, moist curing should be performed by lightly sprinkling potable water. Ensure protection from rain, abrasion, and traffic. A protective screed is recommended for added durability.
Traffic: Only light foot movement is allowed. Avoid application during rains or on fresh concrete or plaster Apply only after 15 days of curing.

PRODUCT DATA

Chemical Base: Acrylic Polymer & Additives
Color: Milky White
Solid Content: 50% + 2%
Appearance/Color: Milky White
Liquid Density: 1.04 g/cm3
pH Value: 7.5 - 7.8
Viscosity: At 23°C, 50-500 cps Brook Field, RVTDV sp3 100 rpm
Initial Air Dry Time: 2 to 6 Hours
Final Dry Time: 72 Hours
Ambient Air Temperature: +10°C min. - +40°C max.

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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

LIMITATIONS

Do not apply on fresh concrete/plaster. Apply after 15 days of curing.
Apply in shaded areas, avoiding direct sunlight and strong wind exposure.
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.

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.

ISO 9001:2015

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