



OXICRETE 35

High-Performance Polymer-Modified Cementitious Coating Advance German Chemical Technology

DESCRIPTION

Oxcrete 35 is an innovative acrylic-based polymer-modified cementitious coating, powered by advanced German chemical technology. This exceptional solution is designed to provide a high-performance waterproofing system for various applications.

ADVANTAGES

Tough, Hard-Wearing Surface: Oxcrete 35 creates a robust and durable surface upon application.

Excellent Bonding: It exhibits outstanding bonding properties with most substrates.

Salt, Water, and Carbonation Protection: This coating effectively protects against salt penetration, water, and carbonation, enhancing the longevity of the structure.

Durable in Wet Conditions: Oxcrete 35 demonstrates high durability even in continuous wet conditions.

Versatile Application: It can be applied to both horizontal and vertical surfaces in a uniform thickness, making it a versatile choice for a range of projects.

Vapor Permeable: Ensures the surface remains breathable while providing waterproofing.

UV Resistant: With UV resistance and crack-bridging properties, it can withstand the test of time.

Potable Water Compatibility: Suitable for contact with potable water, ensuring safety and compliance.

Chemical Resistance: Resistant to mild acids, chemical range, and alkalis.

Eco-Friendly: Oxcrete 35 is an eco-friendly solution, contributing to sustainability.

AREAS OF APPLICATION

Oxcrete 35 serves as a versatile solution suitable for an extensive range of applications. From roof and terrace waterproofing to slabs, balconies, and basements, it offers reliability across various construction projects.

It is equally effective in water tanks, sunken areas, sunshades, toilets, and swimming pools.

Oxcrete 35's adaptability extends to water towers and other wet areas. Moreover, it is a trusted choice for the repair and renovation of walls and the production of polymer-modified repair mortar, bonding slurry, screed, and durable cement paints.

This comprehensive versatility ensures Oxcrete 35 is a dependable and multifunctional solution for a wide array of construction and waterproofing requirements.

METHOD OF APPLICATION

SURFACE PREPARATION

Surface preparation is critical for optimal results. The surface should be cleaned and prepared by mechanical means such as grinding and wire brushing. Ensure the surface is free from dust, oil, loose or unsound material, old coatings, or any deposits that could affect bonding. Avoid sharp projections. Pre-wet the surface at least one hour before applying Oxcrete 35. The surface should be damp but free of standing water. Minor depressions can be filled and leveled with a mortar mixture of 1:1:3(chemical: cement: fine sand)

Mixing Ratio: 1:2(chemical: cement)

PRODUCT DATA

Chemical Base: Acrylic Polymer & Additives

Solid Content: 35% + 3%

Appearance/Color: Milky White

Liquid Density: 1.020

pH Value: 7.4 - 7.7

Coverage

The consumption of Oxcrete 35 in a 1 kg mix covers approximately 2 sq. mt. in 2 coats.

It is recommended to use fiber mesh or fiber cloth for reinforcement between the first and second coats. For the best results, apply 2 or 3 coats.

In case of high temperatures, after 6 hours of drying the top coat, moist curing should be done by sprinkling potable water lightly for the first 24 hours.

Protect the coating from rain, abrasion, and traffic.

For greater durability, a protection screed is recommended to cover the coating.

Drying Times and Temperature Range:

Initial Air Dry Time: 2 to 6 hours

Final Dry Time: 72 hours

Ambient Air Temperature: +10°C min. to +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

PRECAUTIONS & LIMITATIONS

Do not dilute the product, avoid curing through flooding, and allow for a final cure time of 3 days. Before applying Oxicrete 35, mix the product well, creating a lump-free mixture by adding the powder to the liquid while stirring with a slow-speed mixer (500-600 rpm) for 3 to 4 minutes. Pre-wet surface before application. Do not apply on fresh concrete/plaster. Apply after 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.

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.

