



OXICRETE 40

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

DESCRIPTION

Oxcrete 40 is a premium acrylic-based polymer liquid additive-modified cementitious coating designed to excel in waterproofing. This superior solution, backed by advanced German chemical technology, provides dependable protection for a wide range of applications.

ADVANTAGES

Heavy-Duty Chemical Coating: Oxcrete 40 serves as a robust chemical coating, ensuring long-term durability and protection against harsh conditions, including heavy monsoon rains and corrosion.

Versatile Application: It can be applied using a brush, roller, or spray, adapting to your preferred method and surface.

Excellent Adhesion: This coating exhibits excellent adhesion to all types of building materials, enhancing its versatility.

Eco-Friendly and Non-Toxic: Oxcrete 40 is eco-friendly, non-toxic, UV-resistant, and features crack-bridging properties. It is also suitable for contact with potable water and offers resistance to mild acids, chemicals, and alkalis.

AREAS OF APPLICATION

Oxcrete 40 is a versatile solution suitable for a diverse range of applications. From roofs and terraces to toilets, sunken areas, brick cobas, and screed, it ensures reliable waterproofing. Additionally, it is an excellent choice for swimming pools, water tanks, bridge decks, and more. Its adaptability makes it a dependable solution for a wide array of construction and waterproofing requirements.

METHOD OF APPLICATION

SURFACE PREPARATION

Proper surface preparation is essential for optimum results. The surface must be thoroughly cleaned, removing dust, oil, loose material, old coatings, and any deposits that might affect adhesion. Pre-wet the surface at least one hour before applying Oxcrete 40 coating to ensuring a damp, but not wet surface.

APPLICATION:

Mixing Ratio: Combine 1 part of Oxcrete 40 with 2 parts of Grey/White cement.

Coverage: 1 kg of Oxcrete 40 mix will cover approximately 30-35 sq. ft. area with fiber mesh in two coats, depending on the surface's porosity. Apply the mix by brush on the surface. For enhanced reinforcement and better results, consider using fiber mesh between the first and second coats. It is recommended to apply 2 or 3 coats. In high-temperature conditions, moist curing is necessary by sprinkling potable water lightly for the first 24 hours after the top coat has dried. Protect the coating from rain, abrasion, and traffic. For greater durability, consider a protective screed to cover the coating.

Traffic: Only light foot movement is allowed. Do not apply during rains or on fresh concrete or plaster. Wait for at least 15 days of curing before application.

PRODUCT DATA

Chemical Base: Acrylic Polymer & Additives

Color: Milky White

Solid Content: 40% + 2%

Appearance/Color: Milky White

Liquid Density: 1.03 g/cm³

pH Value: 7.4 - 7.7

Viscous Liquid

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

PRECAUTIONS & LIMITATIONS

Do not dilute the product, avoid curing through flooding, and allow for a final cure time of 3 days. Before applying Oxicrete 40, 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.

