



OXICRETE-FLEXILE

High-Performance Polymer Modified Cementitious Flexible Membrane

Advance German Chemical Technology

DESCRIPTION

Oxcrete Flexile is an innovative acrylic co-polymer modified flexible waterproof coating with cement, utilizing advanced German chemical technology. This cutting-edge solution offers superior protection and durability, making it the ideal choice for a wide range of applications.

ADVANTAGES

Flexible Coating: Oxcrete Flexile provides unmatched flexibility, ensuring long-lasting performance even in challenging conditions.

Crack Bridging: Up to 1 mm: Say goodbye to worries about cracks and leaks with Oxcrete Flexile's remarkable crack-bridging capabilities.

Eco-Friendly: Oxcrete Flexile is environmentally responsible, providing an eco-friendly solution for waterproofing needs.

UV Resistant: With UV resistance built-in, our coating can withstand prolonged exposure to sunlight without degradation.

Excellent Bonding: Achieve a strong and reliable bond with various surfaces, including concrete, plaster, masonry, stone, and more.

AREAS OF APPLICATION

Oxcrete Flexile is a versatile solution suitable for a wide range of applications, including terraces, concrete roofs, 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. Its adaptability makes it the ideal choice for various construction and waterproofing needs.

METHOD OF APPLICATION

SURFACE PREPARATION

Ensure an optimal surface by cleaning, chiseling, washing with alum, and removing contaminants. Repair hollow areas with Hi-Latex 40 polymer-modified mortar and address surface cracks.

APPLICATION:

Apply the initial coat with a brush and allow it to dry for 2 to 4 hours.

Add longevity and strength by incorporating fibermesh or fiber cloth into the first coat to prevent cracks and create a seamless surface. Ensure the fibermesh or fiber cloth overlaps, minimizing structural cracks.

Apply a second coat in a perpendicular direction (X-Y) to the first coat.

Strengthen the coating further by incorporating fibermesh or fiber cloth between the second and third coats.

Apply a third coat in a perpendicular direction (X-Y) to the first two for exceptional durability and crack resistance.

After completing the application, allow it to air cure for 2 days.

Optionally, safeguard the coating with a screed or leave it unscreened.

For extended durability, consider applying 3 to 4 coats, emphasizing fibermesh, to ensure maximum protection and performance, even in direct sunlight exposure.

Mix Ratio & Coverage Information:

Mix Ratio: 1:1.5 (Chemical:Cement)

Coverage: 33-37.5 SQ. FT. / KG approximately with fiber mesh. (For a thickness of 1mm-1.2mm, Apply a minimum of 2 coats for durability, with 3 coats recommended for long-term protection).

Mix Ratio: 1:2 (Chemical:Cement)

Coverage: 30-35 SQ. FT. /KG approximately with fiber mesh. (For a thickness of 1mm, 2 coats are recommended., Apply a minimum of 2 coats for durability, with 3 coats recommended for long-term protection).

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PRODUCT DATA

Chemical Nature: Acrylic Polymer
Flexible Solid Content: 33%±2%
Specific Gravity: 1.04 ± 0.02
Density of Mix: 1.70 - 1.80 kg/Ltr.
pH Value: 7.2 to 7.6
Pot Life: 30 min. at 27°C
Colour: Milky White
Crack Bridging: 1 mm
Ambient Air Substrate Temperature: +10°C min.
+40°C max.

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.

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.

PRECAUTIONS & LIMITATIONS

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

