



Oxicrote URL

SBR-LATEX FOR WATERPROOFING AND REPAIRS

Advance German Chemical Technology

DESCRIPTION

Oxicrote URL is a styrene butadiene rubber latex-based solution tailored for waterproofing and repairs. It excels in safeguarding terraces, roofs, bathrooms, water tanks, and swimming pools, while also proving effective for brickwork, screed, and waterproof plaster. This polymer mortar offers reliable bonding and crack-filling capabilities for various structures including columns, beams, chajjas, and slabs.

ADVANTAGES

Multipurpose product serving as a hardener and shrinkage crack reducer. Excellent bonding agent, preventing corrosion and enhancing abrasion resistance. Improves adhesion and soluble in water. Enhances tensile strength of cement.

AREAS OF APPLICATION

Waterproofing: Small roof terraces, sunken portions of toilets and bathroom water tanks, planters, drain channels, basements, water ponds, swimming pools, etc.

Concrete repair: Columns, beams, slabs, screed repairs.

Bonding agent: For new concrete to old concrete, brick masonry, stone work, plastering repair mortar.

METHOD OF APPLICATION

SURFACE PREPARATION

Clean and wash surfaces using alum. Remove all dust, dirt, oil, grease, loose and unsound materials. Repair cracks using Oxicrote URL modified mortar.

APPLICATION

Priming:

Apply Oxicrote URL (1 part chemical - 1 part water - 3 parts fresh cement) at SSD condition using a brush. Stir contents well before use.

WATERPROOFING MIX RATIO:

Oxicrote URL: fresh cement

1:1.5

Coverage for Waterproofing: 22-25 SQ FT/KG for two coats. Coverage varies based on surface porosity.

Traffic: Only light foot movement allowed.

BONDING COAT MIX RATIO:

Oxicrote URL : Water : Cement

1 : 1 : 4

Coverage: 45 to 50 SQFT per kg./coat.

POLYMER MODIFIED REPAIR MORTAR:

Oxicrote URL : Water : Cement : Sand

1 : 3 : 10 : 30

REPAIR CONCRETE & SCREED:

Oxicrote URL : Water : Cement : Sand : Aggregate

1 : 4 : 1 : 1.5 : 3

PRODUCT DATA

Chemical: Styrene butadiene rubber latex (SBR)

Colour: Milky white

Solid Content: 40% \pm 2%

Specific Gravity: 1.01

Dry Time: 1 hour at 25°C approximate.

Curing Time: 48 hours at 35°C approximate.

Chemical Resistant: Good

pH Value: 7.7

Resistance to Water Pressure: Up to 2 bar

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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.

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.

