

DECKPROOF AR

Elastomeric Liquid Applied Anti-Root Waterproof Membrane

Description

Topkrete DECKPROOF - AR is a solvent free synthetic rubber bitumen modified emulsion, with an anti-root additive specifically for plant roof repellent and waterproofing applications in mind. The anti root properties are obtained by adding phenoxi fatty acid ester, a specific anti root agent, to the polymer-bitumen compound.

Uses

- Garden
- Roofs
- Walls
- Basements
- Bathroom
- Planters
- Water Features
- Wet Area
- Swimming Pool

Advantage

- Forms a continuous barrier against roots
- Highly elastic, elongation greater than 1000%
- Crack bridging, accommodates building movement.
- Unbroken seal over whole of area.
- Resistant to a wide range of atmospheric and temperature conditions.
- Compatible with most solar reflective paints.
- Vapour permeable allows substrate to breathe. Reduces possibility of condensation in a building caused by conventional single ply sheet membranes.
- May be applied to concrete, metal, corrugated cement based roofs, wood etc.
- Solvent free. Non flammable. Environmentally friendly.
- No fire hazard an important consideration particularly in maintenance / refurbishment jobs in operating buildings e.g. hotels
- Does not contain asbestos.

- Seamless no welding or overlaps. Can apply to uneven surfaces, easy to apply around roof penetrations & fittings / fixings.
- May be mixed with sand and cement to provide waterproof mastic topping.

Technical Proportion

Appearance	Grayish / Black
Specific Gravity	1.09 – 1.11
Flash Point	Non Flammable
Drying Time	1 – 3 hours Depending on humidity
Water Permeability	2.5gm/m ² /24 hours
Adhesion to Substrate	2mm passes
Heat Resistance	120°C no flow
Reinforced	Unreinforced
Elongation at Break	1000%
Solid	80%
Hardness Shore A	39
Tensile Strength	0.7 N/mm ²

Application and Coverage Rates

Topkrete Deckrete AR is ready to use. Apply as below:

Roof Waterproofing

The substrate should be clean, smooth and free of contaminants such as curing compounds, paint, oil, grease and surface laitance.

- i) Prime roof base with Topkrete Deckproof AR diluted with water at a ration of 10:1 by brush or roller apply at a coverage rate of 0.5kg/m².
- ii) Apply Topkrete Deckproof AR over the primer once dry at the rate of 1kg/m² and allow to dry.
- iii) Apply 2 coats of Topkrete Deckproof AR Colour reflective paint at 0.15L/m² per coat. The first coat should be diluted with water at a ration of 2:1 (paint to water) allow to dry and overcoat.

Note: Where a thicker waterproof coating is required place Elastocloth polyester reinforcing into the first coat of Topkrete Deckproof AR and finish with a second coat. If heavy traffic is expected Topkrete Deckproof AR Colour may be omitted and a reinforced mortar topping 7-10cm (or tiles) be placed over the membrane.

Basement, Buried Structures and Tunnels.

The concrete surface should be smooth, sound and clean with no dust, grease, oil or loose material.

- i) Create lean concrete base before laying the basement slab
- ii) Apply Topkrete Deckproof AR to lean concrete at 1.5kg/m² by spray, roller or brush. Make two passes. Allow to dry.
- iii) Before laying basement slab & reinforcing protect membrane with geotextile.

Packaging

20kg pail

Storage

Topkrete Deckproof AR should store in a covered dry, cool condition.

Self-Life

12 months from the date of manufacturing.

Technical Support

Topkrete offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

Health & Safety

For further information, refer to the product Material Safety Data Sheet, available upon request.

Additional Information

Topkrete manufactures and offers a wide range Of complementary products which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spelled concrete are available.

Warranty

Topkrete Sdn Bhd warrants that the products manufactured by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to TOPKRETE SDN BHD shall be limited to replacement of the material proven to be defective, and TOPKRETE SDN BHD shall in no case be liable otherwise or for incidental or consequential damages. **TOPKRETE SDN BHD MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED.** User shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith.

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