

Trop coat[™] - RBE

Rubberised bitumen emulsion



An ISO 9001:2015 Certified Company

Trop Coat RBE is an emulsified rubber modified bitumen coating, which dries to form a tough, seamless, membrane with excellent adhesive to most substrates.

CHARACTERISTICS

- » Cold applied
- » Single component, easy to apply
- » Can be applied on damp substrates
- » Dual advantage of curing as well as protection of concrete
- » Can be applied in closed or confined areas.
- » Water based
- » Good resistance against chloride and sulphate ions
- » Has good adhesion to most building substrates
- » Seamless/joint free

FIELDS OF APPLICATION

- » Can be used for a wide variety of applications, which includes the following:
- » Protective coating on concrete foundations
- » Curing compound on freshly cast concrete structures
- » Damp proof membrane in sandwich constructions
- » Vapour proof barrier coating for interior & exterior floors & walls.
- » As an adhesive for bonding wood work, insulation boards, expanded polystyrene, cork tiles and to provide a key for plastering.

SURFACE PREPARATION

The application temperature should be between 4°C to 45°C. Application procedures may vary slightly depending upon site conditions. The surface to be treated should be clean, dry and free from dirt, dust, oil, grease, curing compounds, mould release agents, paints, etc. All major cracks to be opened in "V" shape and repair with Apex range of repair mortars. Honey combed concrete to be repaired with a suitable repair mortar. Nail heads and other protrusions that are likely to damage the coating must be removed.

PRIMING

It is highly recommended to apply a priming coat prior to the application of the Trop Coat RBE coating on the substrate.

APPLICATION

Trop Coat RBE can be applied to the prepared surface using brush, roller or squeegee.

As damp proof membrane and vapour barrier, two coats of Trop Coat RBE is recommended. Apply the first coat at a thickness of 200 to 500 microns. Allow a minimum 4 hours between the first coat and second coat. The second coat should be applied at 200-500 microns thickness. Where the surface is to receive a plaster finish, render or screed, 'grit' the second coat with clean, dry sand to form a keyed surface. Allow a minimum of 7 days curing period before applying a plaster, render or floor screed.

As a curing compound, one coat of Trop Coat RBE is sufficient. Trop Coat RBE can be applied on the 'green' concrete. This would prevent rapid evaporation of water and formation of shrinkage cracks.

CURING

Once the application is completed **Apcon Coat RBE** should be air cured for a minimum period of 7 days. **Apcon Coat RBE** is not suitable for application in contact with potable water. It is not resistant to oil, chemicals, grease, strong chemicals etc.

PACKING : 20 kg & 200 kg.

COVERAGE

General use 1.5 to 4 m² / kg / coat.

Curing Compound 3 to 5 m² / kg / coat.

STORAGE & SHELF LIFE

The drums must be stored in a covered area, away from direct sunlight, UV and other sources of heat. The shelf life of the product is up to 12 months if stored as per the recommendations.

Clean the tools immediately after use with water. Hardened material can be cleaned with a solvent.

HEALTH & SAFETY

As with all bitumen products, caution should be always be exercised. Protective clothing such as gloves and goggles should be used.

TECHNICAL DATA

Properties	Values	Test Standards
Colour	Dark Brown	
Form	Tixotropic Viscous Liquid	
Density g/cc	1.05±0.02	ASTM D 2939
Solid Content (%)	60 ± 5 approx	ASTM D 2939
Rubber Content (%)	>10	
Elongation (%)	> 30	ASTM D 412
Flash point	Non flammable	
Drying time (min)	60 to 120 minutes	
Application tempo (C)	5 to 45	
Service Tempe (C)	-5 to 75	

All values given are subject to 3 to 5% tolerance.

This data is subject to change / modify time to time due to continuous improvement of the products. Test results are given as per the tests conducted in the lab. The test results may vary due to climatic conditions.

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