

CURING MEMBRANE FOR CEMENTITIOUS SCREEDS

Description

RoKseal CM is an acrylic emulsion based curing membrane, used to protect the RoK and Dr Fixit range of cementitious plasters, smoothing screeds, grouts, concrete repair mortars and decorative cementitious floor systems from the effects of rapid evaporation of surface moisture. RoKseal CM can also be used as a traditional acrylic membrane on proprietary concrete or plaster surfaces.

Typical Applications

- RoKfloor 560 & RoK Stonetec
- Dr Fixit cement based grouts and concrete repair products
- Dr Fixit plasters.
- Poured concrete
- Proprietary renders and plaster finishes.

Features

- Labour saving; saves time traditionally spent 'ponding' water on the surface of concrete or the continuous water spraying of concrete and plaster.
- Reliable; avoids the inconsistencies of sprayed water.
- Single application only required.
- Water Based

Note

- RoKseal CM applied at a coverage rate of 4.5m² per litre, exceeds the 90% efficiency index for testing curing efficiency when determined in accordance with the test specified in the Ministry of Public Building and Works General Specification 201: 1969 and in accordance with DOT specification for Roads and Bridge Works 1976, Clause 2709.
- RoKseal CM when tested in accordance with ASTM C156 applied at a coverage rate of 4.5m² per litre, restricts the water loss to not more than 0.55kg per m² of surface, in 72 hours.
- RoKseal CM complies with DOT specification for Roads and Bridge Works 1976, Clause 2603 and with DOE specification for Aircraft Pavements 1972, Clause 810.
- RoKseal CM complies with the requirements of ASTM C309, Type 1.

Packaging

20 Ltr units

Method of Application

1 APPLICATION

- RoKseal CM should be sprayed onto the vertical or horizontal surfaces as soon as they are firm enough to accept the spray or when shuttering is removed and as soon as any free surface water has disappeared from horizontal surfaces.
- All exposed grout and concrete repair materials should be sprayed as soon as trowel finishing is complete.
- Repair screeds and decorative screeds such as RoKfloor 560 and Stonetec should be sprayed after spike rolling is completed and prior to the initial set.
- RoKseal CM should not be sprayed onto surface dry concrete or plaster. Where the surface has begun to dry it is essential that the surface is saturated with water to a saturated surface dry (SSD) condition.

2 CLEANING

- All tools should be cleaned using water prior to curing.
- Any delay in cleaning will necessitate the use of solvent to clean equipment. Particular attention should be paid to the thorough cleaning of the spray jets and moving parts of the equipment.

Note:

- There should be a fully functioning vapour barrier below all concrete substrates.
- Do not dilute or apply during rain
- May not be suitable for use prior to finishing with Silicate sealers, unless removed by grinding.
- RoKseal CM deposits a polymer based film onto the surface. This film will degrade mechanically by abrasion from foot and vehicle traffic. It will not degrade however by natural weathering.
- On all vertical surfaces the membrane will remain but will not interfere with any subsequent surface treatment and will act as an effective primer for subsequent coatings (test to ensure compatibility with third party coatings).
- On horizontal concrete surfaces it may be necessary to mechanically prepare the surface prior to receiving resin coatings or other finishes.

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TECHNICAL DATA	
Specific Gravity	1.00 @ 20°C
VOC	Nil

Theoretical Coverage

4.5 m² per ltr













Storage

When stored in dry conditions out of sunlight in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C will reduce shelf life and product performance.

Health and safety Precautions

This product is a water based emulsion of non-hazardous polymer. It is non-flammable and essentially non-toxic. Normal industrial hygiene procedures should be adhered to particularly when spraying and it is recommended that gloves and eye protection be worn. In case of skin or eye contact thoroughly irrigate with water and seek medical advice if any irritation develops or persists. In the case of accidental ingestion, wash mouth out with water and seek medical attention. Spillages should be cleaned up immediately with water as they will leave a film on evaporation. See MSDS for further information.

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