RoKseal EPS

WATER DISPERSED EPOXY SEALCOAT

Description

RoKseal EPS is a water dispersed, two component clear epoxy seal coat, which cures to a silk finish. RoKseal EPS is available in a range of standard colours and as a clear sealer.

Typical Applications

- Final Seal coat to ROK epoxy and cementitious flooring systems.
- Light duty seal coat for concrete and screed

Features

- Water based
- Slip resistant aggregate can be incorporated.
- Silk Finish
- Water vapour permeable
- Can be applied to "green" concrete

Packaging

5 and 20 litre units

Method of Application

1 SURFACE PREPARATION

- When applied to new RoK epoxy and cementitious systems no surface preparation is necessary.
- New or existing concrete and screed should be free of all contaminants and the dense surface laitance removed if possible

2 MIXING

- Pre-mix component A (resin) to redistribute any settlement. The entire contents of part B should then be poured in to part A and thoroughly mixed using a suitable slow speed electric mixer for one minute. The sides of the container should then be scraped and mixing should continue for a further 2 minutes.

3 APPLICATION

- RoKseal EPS should be applied as soon as the mixing process is completed using a medium pile roller or brush. When applying to RoKscreed EP, apply after 8 hours and within 36 hours at 25°C. A second coat can be applied if necessary observing the same intercoat times at right angles to the first.
- When applying to dense cementitious surfaces, the first coat may be diluted with up to 10% clean potable water to aid penetration. Two coats are required, applying the second coat at right angles to the first. The RoKseal EPS can be scattered with a 0.1-0.3mm silica aggregate to create a lightly textured finish if necessary.

4 CURING

- Allow the material to cure for a minimum of 24 hours at 25°C for foot traffic and 72 hours for vehicle traffic.

5 JOINT DESIGN

- All movement joints in the substrate should be brought through the finished floor. Re-form using a diamond saw and seal using a suitable Dr Fixit joint sealant.

6 CLEANING

- All tools should be cleaned using water prior to curing. Cured material can only be removed mechanically.

TECHNICAL DATA	
Pot Life @ 23°C	30-45 mins
Density (g/cc)	1.3
Abrasion Resistance	250mg weight loss CS17/1kg/1000cycles. (ASTM D4060)
Water Vapour Transmission	1.5g/h/m^2
Solids Contents	63% (Pigmented)

Theoretical Coverage

0.125-0.175 ltr per m2 per coat.

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

As with all epoxy resins, work cleanly at all times. Skin and eye contact should be prevented by the use of plastic or rubber gloves, eye protection, barrier creams and protective clothing. Any resin or hardener in contact with the skin should be removed with warm soapy water or a resin removing cream. NOT solvent. In case of eye contact wash copiously with water and in the case of accidental ingestion, obtain immediate medical attention. Provide good work area ventilation. See MSDS for further information.

Pidilite MEA Chemicals L.L.C offers a wide range of structural protection and waterproofing systems:

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