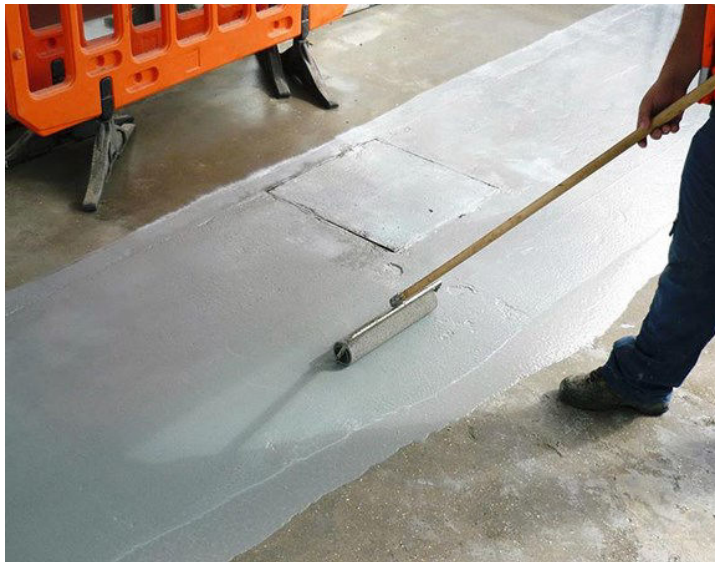


RonaFloor Epoxy DPM

Solvent free, liquid applied surface damp proof membrane



FEATURES

- for early application of moisture sensitive flooring on drying screeds and concrete
- moisture tolerant, can be applied on substrates with relative humidity up to 97%
- easy to apply
- solvent free; low odour
- use before application of Ronacrete screeds and coatings
- use before application of vinyl flooring, tiles, carpet etc.

Description

RonaFloor Epoxy DPM is a two pack solvent free, liquid applied surface damp proof membrane designed to reduce the passage of water vapour. It allows epoxy resins and other moisture sensitive flooring to be applied to screeds and concrete when substrate relative humidity is high, up to 97%.

Advantages

- Reduces water vapour permeability
- Reduces waiting time for drying screed and concrete
- Excellent adhesion to concretes and screeds
- Can be applied to substrates with relative humidity up to 97%
- Easy to apply
- Solvent free, low odour.

Physical Properties @ 20°C

Pot life	30 minutes
Intercoat period	24 hours
Apply flooring after ISAT	24 hours
	0.0ml/m ² /sec

Bond strength	
Dry	>4.0N/mm ²
Wet	>1.5N/mm ²

In each case failure is in the concrete.

Water vapour permeability	<3 gm/m ² /day
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Coverage

First coat	3.5-4.5m ² /kg
Second coat	3.5-4.5m ² /kg

Coverage is based on application to lightly textured, non porous surfaces.
Substrate Preparation

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Instructions for Use

To achieve optimal adhesion it is essential that RonaFloor Epoxy DPM is applied to structurally sound, clean and touch dry substrates. Surfaces must be prepared after making good any defects in the floor, ensuring that friable materials are removed and replaced (for fast cure repairs refer to RonaFloor Repair 1 Hour data sheets). Substrates must be prepared by captive shot blasting or similar approved method to produce lightly textured, laitance free surfaces. Substrates must be cleaned to remove grease, oil and dirt. Substrates must be allowed to dry after washing. Substrates must be vacuum cleaned, to remove loose shot and other loose materials.

Application Conditions

The workability and application characteristics of RonaFloor Epoxy DPM are adversely affected by low temperature; viscosity and curing time will increase. Therefore the material should ideally be stored, mixed and applied at 15°C to 20°C. At lower application temperatures the material should be stored at or warmed to 15°C to 20°C prior to use. Application characteristics are severely affected below 10°C, minimum application temperature is 5°C.

Mixing

Add the full contents of the B component to the full contents of the A component and mix with a slow speed drill and spiral mixing paddle (MR3 type) for approximately 3-4 minutes. Transfer to a shallow paint tray immediately after mixing, or pour onto the floor, to control exothermic reaction and extend working time. Material must **never** be taken directly from the mixing vessel, to avoid the risk of unmixed material being used.

Application

1. Apply the first coat of RonaFloor Epoxy DPM by short or medium nap lambswool or mohair roller at the stated coverage.
2. Allow to cure for approximately 24 hours at @ 20°C.
3. Within 24 hours of applying the first coat, roller apply the second coat of RonaFloor Epoxy DPM.
4. Apply RonaFloor coating or RonaFloor SL within 24 hours of applying the final coat of RonaFloor Epoxy DPM or broadcast 60 mesh kiln-dried sand into the wet resin to refusal, allow to cure, vacuum remove excess sand and protect the membrane until application of RonaFloor coating or RonaFloor SL.
5. When RonaFloor Epoxy Floor Mortar is to be applied, broadcast 0.8-1.7mm kiln-dried sand or similar to refusal into the wet resin, allow to cure, vacuum remove excess sand and protect the membrane until RonaFloor Epoxy Floor Mortar is to be applied.
6. When other flooring products are to be applied, broadcast kiln-dried sand (size appropriate to the thickness of the adhesive layer) to refusal into the wet resin, allow to cure, vacuum remove excess sand and protect the membrane until the flooring is to be applied.

Clean tools immediately with xylene based solvent or RonaDeck Low VOC Cleaner.

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Packaging

Supplied in 4.8kg composite packs, consisting of Base A and Hardener B. Available in clear, brick red or mid grey.

Shelf Life and Storage

RonaFloor Epoxy DPM should be stored in unopened containers in dry warehouse conditions between 10°C and 25°C and protected from direct sunlight and frost. Shelf life is approximately 9 months in these conditions.

Health and Safety

First aid - Skin contact, wash immediately with soap and water. Eye contact - wash immediately with copious quantities of water for 10 minutes.

Seek immediate medical advice. Ingestion - wash mouth thoroughly with water. Drink water. Do not induce vomiting. Seek immediate medical advice. Spillage - extinguish any ignition sources. Wash small spills away with water, soak large spills with earth or sand; avoid contact; inform authorities if major spillage occurs. Notify Fire Brigade if spillage enters drains.

Site Attendance

When on site Ronacrete representatives are able, if asked, to give a general indication of the correct method of installing a Ronacrete product. It is important to bear in mind that Ronacrete Ltd is a manufacturer and not an application contractor and it is therefore the responsibility of the contractor and his employer to ensure he is aware of and implements the correct practices and procedures to ensure the correct installation of the product and that liability for its correct installation lies with the contractor and not with Ronacrete Ltd.

The information detailed in this leaflet is liable to modification from time to time in the light of experience and of normal product application, and before using, customers are advised to check with Ronacrete Ltd, quoting the reference number, that they possess the latest issue. Any person or company using the product without first making further enquiries as to the suitability of the product for the intended use does so at his own risk, and Ronacrete Ltd can accept no responsibility for the performance of the product, or for any loss or damage arising out of such use.