

RonaFloor Epoxy Primer

Solvent free epoxy resin primer for adhesion to dry concrete and polymer modified screeds



FEATURES

- use before application of RonaFloor epoxy floorings, for excellent adhesion and minimal pin holing from porous substrates
- good adhesion to prepared concrete and polymer screeds
- apply by medium nap lambswool roller
- solvent free; low odour

Description

RonaFloor Epoxy Primer is a two pack solvent free primer for application to dry concrete and polymer screeded substrates. RonaFloor Epoxy Primer is typically used to prime concrete before application of RonaFloor epoxy floorings, for excellent adhesion and minimal pin holing from porous substrates.

Physical Properties @ 20°C

Pot life	30 minutes
Intercoat period	24 hours
Apply flooring after	24 hours
ISAT	0.0ml/m ² /sec
Bond strength to concrete	>2.5N/mm ²

Coverage

Coverage is 4-6m²/ kg/ coat depending on texture and porosity of the substrate.

Substrate Requirements and Preparation

Substrate Preparation

To achieve optimal adhesion it is essential that RonaFloor Epoxy Primer is applied to structurally sound, clean and 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). Concrete must be prepared by captive shot blasting or similar method to produce lightly textured, laitance free surfaces. Steel must be shot/ grit blasted to SA 2.5. 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 shot and other loose materials.

Instructions for Use

Application Conditions

The workability and application characteristics of RonaFloor Epoxy Primer 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

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Instructions for Use (continued)

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 (MR2 or 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 a single coat of RonaFloor Epoxy Primer by medium nap lambswool or mohair roller to the dry prepared substrate at **4-6m²/ kg/ coat**.
2. Further coats may be required on porous substrates to prevent blow holes
3. Allow to cure for approximately 24 hours at @ 20°C.

Cleaning

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

Packaging

Supplied in 4.5kg and 2.25kg composite packs, consisting of Base A and Hardener B.

Shelf Life and Storage

RonaFloor Epoxy Primer 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

Refer to Safety Data Sheet.

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.