

RonaFloor Epoxy Primer MT

Moisture tolerant epoxy resin primer for adhesion to damp substrates



FEATURES

- use before application of RonaScreed self smoothing screed for reduced pin-holing and superior adhesion
- good adhesion to shot/ grit blasted steel
- use before bonding of Ronafix screeds to steel substrates, such as stair pans
- moisture tolerant, can be applied to surface damp concrete and screeds
- use before application of RonaDeck Resin Bonded Surfacing to porous or surface damp concrete
- easy to apply
- solvent free; low odour

Description

RonaFloor Epoxy Primer MT is a two pack solvent free primer for application to surface damp or porous concrete and screeded substrates. RonaFloor Epoxy Primer MT is typically used to prime concrete before application of RonaScreed self smoothing cementitious screeds, for excellent adhesion and minimal pin holing from porous substrates.

RonaFloor Epoxy Primer MT may be applied to shot/ grit blasted steel before application of Ronafix polymer modified screeds to stair pans and other applications where deflection of steel is minimal.

Physical Properties @ 20°C

Pot life	30 minutes
Intercoat period	24 hours
Apply flooring after ISAT	24 hours
	0.0ml/m²/sec

Bond strength to concrete	
Dry	>4.0N/mm²
Wet	>1.5N/mm²

In each case failure is in the concrete.

Water vapour permeability	<3 gm/m²/day
----------------------------------	-----------------------------------

Coverage

First coat	3.5-4.5m²/kg
Second coat	3.5-4.5m²/kg

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

Instructions for Use

Substrate Preparation

To achieve optimal adhesion it is essential that RonaFloor Epoxy Primer MT 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

RonaFloor Epoxy Primer MT

Moisture tolerant epoxy resin primer for adhesion to damp substrates

Instructions for Use (continued)

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.

Application Conditions

The workability and application characteristics of RonaFloor Epoxy Primer MT 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 RonaFloor Epoxy Primer MT by short or medium nap lambswool or mohair roller at the stated coverage.
2. Broadcast 0.8-1.7mm kiln-dried sand or similar to refusal into the wet resin, a finer grade may be required for vertical application or for coatings. vacuum remove excess sand and protect the
3. Allow to cure for approximately 24 hours at @ 20°C.
4. Vacuum remove excess sand and protect until the screed or coating is applied.

Cleaning

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

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 Primer MT 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.

RonaFloor Epoxy Primer MT

Moisture tolerant epoxy resin primer for adhesion to damp substrates

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.