RonaFloor Epoxy Primer MT

Moisture tolerant epoxy resin primer for adhesion to damp substrates

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 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.

Features
- **solvent free**
- **use before application of RonaScreed Self Smooth Screed for reduced pinholing and superior adhesion**
- **good adhesion to prepared 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**

Physical Properties at 20ºC

Physical Properties	
Pot life	15 - 20 minutes
Intercoat period	4 - 6 hours
Adhesion strength	> 3.0N/mm²
Temperature resistance	Up to 60ºC
Water vapour permeability	< 3g/m²/day

Coverage
Typical application rate is 0.25 - 0.30kg/m²/coat

5kg unit coverage	-	approx. 16 - 20m² per coat
10kg unit coverage	-	approx. 33 - 40m² per coat
15kg unit coverage	-	approx. 50 - 60m² per coat

The application rate will vary depending on the porosity and profile of the prepared surface.

On very porous substrates more than one coat may be required.

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 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.

After surface preparation, substrates must exhibit readings of 25 or above when tested using a rebound hammer in accordance with BS EN 12504-2 type N and pull-off strengths in excess of 1.5 N/mm2 when tested in accordance with BS EN 13892-8.

Application Conditions
The workability and application characteristics of RonaFloor Epoxy Primer MT are adversely affected by low temperature; viscosity and curing time will increase. 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. Relative humidity of the environment should not exceed 85% during application and the first 48 hours of curing.

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 minutes. Transfer to a clean bucket and mix for a further 1 minute. 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 using a suitable squeegee followed by rollering to its final application thickness with a suitable short or medium nap, mohair or lambswool roller at the stated coverage.
2. Broadcast 0.8-1.7mm kiln-dried sand or similar to refusal into the wet resin for screed overlays, a finer grade may be required for vertical application or for coatings.
3. Vacuum excess sand and protect until the screed or coating is applied.

Cleaning
Clean tools immediately with xylene based solvent or RonaDeck Tool Cleaner.

Ronac House, Flex Meadow, Harlow, Essex CM19 5TD, U.K.
Tel: +44 (0)1279 638700 - technical@ronacrete.co.uk
www.ronacrete.co.uk

RonaFloor Epoxy Primer MT

Moisture tolerant epoxy resin primer for adhesion to damp substrates

Packaging
Supplied in 5, 10 and 15kg composite packs, consisting of Base A & Hardener B.

Shelf Life & 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 24 months in these conditions.

Health & Safety
Refer to product 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 a 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. Liability for 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.

Ronacrete
WORLD CLASS MANUFACTURER

Ronac House, Flex Meadow, Harlow, Essex CM19 5TD, U.K.
Tel: +44 (0)1279 638700 www.ronacrete.co.uk technical@ronacrete.co.uk