

Ronadeck Epoxy Floor Mortar

High performance trowel applied epoxy floor screed



Description

Ronadeck Epoxy Floor Mortar is a high performance epoxy resin screed for repairing existing floors and providing new wearing surfaces. Its formulation allows thin section application from 10mm to a feather edge. It is suitable for forming coves, skirtings and upstands.

It offers good mechanical resistance and will resist attack from most industrial chemicals including acids, alkalis, oils, fats, solvents and foodstuffs.

Surfaces laid or repaired with Ronadeck Epoxy Floor Mortar can be accessed by foot traffic after 10-12 hours and by heavy loads after 16 hours (at 20°C). Ronadeck Epoxy Floor Mortar has been designed for ease of use and practicality of application.

Uses

- High strength thin bonded patch repairs and resurfacing in heavy duty high demand flooring applications
- Factories, warehouses, ramps, bunds, chemical and food processing areas
- Suitable for forming and repairing screeds to meet the Heavy Duty category of BS8204: Part 6: 2001

Benefits

- Resin rich formulation
- No seal coat needed
- Good chemical resistance
- Hygienic
- Easy to clean
- Rapid strength development
- Impermeable to water
- Can be used in conjunction with Ronadeck Epoxy DPM

Key Performance Indicators

- Meets the requirements of FeRFA Classification Type 8
- High compressive strength; 70N/mm² at 28 days
- Waterproof to BS1881, I.S.A.T.; 0.0ml/m²/sec

Project references include

Royal and Sun Alliance
Local Government buildings
Ford Motor Company
Littlewoods

More information

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Specification Clause

The wearing screed / screed repair shall be Ronadeck Epoxy Floor Mortar by Ronacrete Ltd, tel. +44 (0) 1279 638700. The screed shall be laid at a feather edge to 10mm thick (or state thickness). The primer is to be Ronadeck Epoxy Floor Mortar Primer. All materials to be applied in accordance with manufacturers instructions.

Technical Data (at 20°C)

Pot life	30-45 minutes
Foot traffic	10-12 hours
Full traffic	16 hours
Full chemical resistance	6 days
Compressive strength	70N/mm ² at 28 days
Flexural strength	30N/mm ² at 28 days

Colours Available

Standard	Grey
Pigmented	Red
	Green
	Brown
	Blue
	Yellow
	Charcoal

Packaging

Ronadeck Epoxy Floor Mortar is supplied in 5kg and 25kg packs.

Ronadeck Epoxy Floor Primer is supplied in 4.5kg, 2.25kg packs.

Application

Preparation

For bonded screeds mechanically prepare substrate in accordance with BS8204: Part 6: 2001. Provide structurally sound and clean substrate to receive high strength screed.

Priming

Prime with Ronadeck Epoxy Floor Mortar Primer.

Mixing

Mix using a forced action mixer. If using a drill and paddle mixer use Ronacrete Mixer Attachment C2.

Installation

Trowel apply screed onto tacky primer. Finish with float or trowel.

Shelf Life and Storage

Shelf life 9 months. Store in a cool dry place. Protect from frost.

Health and Safety

Protective clothing such as goggles, overalls and gloves is recommended to prevent any effect from prolonged skin contact, inhalation or ingestion. Refer to Health and Safety Data Sheet.

Technical Service and Support

Ronacrete provide free technical advice and support during design and installation of all systems for flooring, concrete repair, bonding, bedding and waterproofing. If you need any further information or a full technical data sheet contact the Ronacrete Technical Department on +44 (0) 1279 638700.

Guarantee

Ronacrete products are guaranteed fit for purpose and of merchantable quality. Materials are supplied subject to our standard Terms and Conditions of Sale, available on request.

Disclaimer

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. All data shown are typical laboratory results achieved in ideal conditions; site results may differ.



a world class company

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