









DATASHEET 21.01

RONAFLOOR

EPOXY FLOOR MORTAR

Heavy duty epoxy floor screed
and floor repair mortar

FEATURES

 Thin bonded heavy duty screed	 FeRFA Type 6 flooring	 Excellent wear resistance
 Apply from 5mm	 High compressive strength	 Heavy traffic after 16 hours
 Chemical resistant	 Low maintenance	

RonaFloor Epoxy Floor Mortar is a high performance epoxy resin mortar for heavy duty floor toppings and floor repairs when applied to RonaFloor Epoxy Primer. RonaFloor Epoxy Floor Mortar offers good mechanical resistance and will resist attack from spillage of a range of industrial chemicals including acids, alkalis, oils and fats. Minimum thickness is 5mm, typical screed thickness is 5-10mm. Typical repair thickness is 5-50mm, up to 10kg 2-5mm (typical) kiln-dried aggregate per 25kg may be added for thick section use.



SPECIFICATIONS

Physical Properties at 20°C	
Pot Life	30-45 minutes
Foot traffic	12 hours
Forklift traffic	16 hours
Full chemical cure	7 days
Thickness	5mm-50mm
Volume solids	100%

Compressive Strength at 20°C	
1 day	49N/mm ²
28 days	70N/mm ²

Flexural Strength at 20°C	
28 days	30N/mm ²

Chemical Resistance at 20°C	
10% Acetic Acid	Spillage only
10% Lactic Acid	Spillage only
10% Nitric Acid	Spillage only
10% Teepol	Resistant
16% Bleach	Spillage only
25% Ammonia	Spillage only
30% Chromic Acid	Resistant
30% Hydrochloric Acid	Spillage only
50% Phosphoric Acid	Spillage only
50% Sodium Hydroxide	Spillage only
50% Sugar Solution	Spillage only
20-50% Sulphuric Acid	Spillage only
Acetone	Not recommended
Animal Fats	Resistant
Engine Oil	Resistant
Methanol	Spillage only
Petrol	Resistant
Skydrol	Spillage only
Tap Water	Resistant
Toluene	Spillage only
White Spirit	Resistant
Xylene	Spillage only

USING THE SURFACE

RonaFloor Epoxy Floor Mortar can be opened to foot traffic after only 12 hours, and forklift traffic after 16 hours.

WORKING TEMPERATURES

RonaFloor Epoxy Floor Mortar can be used in most weather conditions and in a wide temperature range, typically from +5°C to 25°C. The minimum working temperature is +5°C. Note that application at temperatures greater than 20°C will shorten working time, application at temperatures lower than 10°C will reduce workability.

PACKAGING

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

YIELD AND COVERAGE

A 5kg pack of RonaFloor Epoxy Floor Mortar yields approximately 2.1 litres. The coverage rate is approximately 0.21m² at 10mm.

A 25kg pack of RonaFloor Epoxy Floor Mortar yields approximately 10.4 litres. The coverage rate is approximately 1.04m² at 10mm.

SHELF LIFE AND STORAGE

RonaFloor Epoxy Floor Mortar should be stored unopened between 10°C and 20°C in dry warehouse conditions and out of direct sunlight. In these conditions shelf life is

approximately 12 months.

How to contact us:

You can contact the Ronacrete office directly on **01279 638700**

Alternatively, you can email us using the email addresses.

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For more information please refer to technical data sheet.

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.