

Ronacrete Curing Membrane

Spray applied curing membrane for mortars and concrete



FEATURES

- pre-packed formulation for consistent high performance
- for use with underfloor heating systems
- high early strength and fast drying allows earlier commissioning of heating systems
- 45mm minimum thickness with 16mm heating pipes
- requires only 25mm cover over heating pipes
- ready for foot traffic after 24 hours
- rapid drying—can receive floor coverings such as vinyl, tiles and carpet after 10 days @ 50mm thick
- excellent resistance to passage of water and water vapour

Description

RonaFloor Concrete Dustproofer is a liquid surface hardener and dustproofer for the treatment of new and old concrete floors. It reduces dusting and wear and enhances the performance of the floor surface. It is supplied in concentrated form and diluted with clean water before use. It is quick and easy to apply. Within 48 hours the floor surface is treated and ready to use.

RonaFloor Concrete Dustproofer is designed for application on to porous and dusting floors and not those which have a dense surface finish or are waterproof (eg. contain Ronafix or are based on a similar product).

The chemicals in RonaFloor Concrete Dustproofer aid the penetration, increasing the depth to which it will reach and react. Its combination and reaction with free lime in the floor screed matrix converts the particles to hard, stable crystals. These crystals are bonded to, and become an integral part of, the floor.

Floor Repairs

Any floor repairs must first be carried out using suitable mortars from the Ronafix, RonaFloor Repair or other range of Ronacrete flooring products. These repairs, provided properly applied, will not need treatment with RonaFloor Concrete Dustproofer.

Instructions for Use

Surfaces must be clean, sound and free of loose material. The floor surface should be clean, free of oil and grease and dry (slight dampness is acceptable). New concrete floors should be left for 7-14 days before applying RonaFloor Concrete Dustproofer.

Preparation

Remove contamination and lightly abrade surface by wire brushing or similar to open up the matrix of the floor so that the RonaFloor Concrete Dustproofer can

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Instructions for Use (continued)

soak in and react.

First Coat

Dilute RonaFloor Concrete Dustproofer with between 4 and 8 parts of clean potable water. The dilution depends on the porosity of the floor – a dense surface will need more dilution (a greater addition of water) than a porous surface. For a very porous surface the dilution need only be 4 parts water.

Pour or spray the diluted material over the floor and sweep in all directions with a brush, broom or squeegee until no more is absorbed. Any dry spots should be re-treated. Remove excess RonaFloor Concrete Dustproofer with a soft broom or squeegee.

Allow the RonaFloor Concrete Dustproofer to be absorbed into the concrete leaving a dry surface. A drying period of 12 – 24 hours is normally sufficient. Avoid ponding as this will prevent the material correctly functioning.

Second coat

Dilute RonaFloor Concrete Dustproofer with 4 parts of clean potable quality water. Apply as the first coat. Remove excess and allow to dry. After 12 – 24 hours sweep the floor to remove surface crystal growth. Sweeping may need to be repeated for some time whilst the reaction continues.

Coverage

Coverage is determined by the porosity of the concrete. For estimating purposes a figure of 12–14m² per litre of diluted RonaFloor Concrete Dustproofer per coat can be used.

First coat

1 litre RonaFloor Concrete Dustproofer should be diluted with 4 litres water. This will cover approximately 60m²

Second coat

1 litre RonaFloor Concrete Dustproofer should be diluted with 4 litres water. This will cover approximately 60m²

Application Temperature

RonaFloor Concrete Dustproofer should be stored in dry, warehouse conditions out of direct heat and sunlight and applied at temperatures between 5°C and 25°C.

Tools and Equipment

Tools and equipment should be washed in clean water after use. Painted surfaces, metal and glass should be protected during application. RonaFloor Concrete Dustproofer is supplied in 16.5 and 205 litre containers.

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Other Floor Coatings

Ronacrete manufacture RonaFloor epoxy, polyurethane and other resin coatings providing chemical resistance, waterproofing, wear resistance and decoration.

For full information on their performance and application contact the Ronacrete Technical Department.

Health and Safety

Avoid splashing RonaFloor Concrete Dustproofer onto skin and in eyes. Wash any splashes off with water as soon as possible. Rubber gloves and eye shields may be worn.

In case of skin contact wash immediately with water. In case of eye contact flush with copious quantities of water and seek medical advice if irritation persists. In case of ingestion do not induce vomiting. Drink plenty of water and seek medical advice.

Health and Safety

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.