

# RonaFloor Concrete Dustproofer

## Surface dustproofer and hardener

### FEATURES

- ✓ easy to apply; no special tools or skills needed
- ✓ durable; improved resistance to physical and mild chemical attack
- ✓ dustproofing; binds surface to reduce or eliminate dust formation
- ✓ economical; low cost material and application system

### 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, Monoset, Ronascreed or other range of Ronacrete flooring products. These repairs, provided properly applied, will not need treatment with RonaFloor Concrete Dustproofer.

### Application Procedure

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 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 12-14m<sup>2</sup> per litre of diluted RonaFloor Concrete Dustproofer per coat can be used.

### Packaging

RonaFloor Concrete Dustproofer is supplied in 16.5 and 205 litre containers.

### Tools and Equipment

Tools and equipment should be washed in clean water after use. Painted surfaces, metal and glass should be protected during application.

### Application Temperatures

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.

### Health & 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.

### Other Floor Coatings

Ronacrete manufacture Ronascreed 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.

### 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.

### Estimating Guide

	dilution	coverage
1st coat	1 litre RonaFloor Concrete Dustproofer diluted with 4 litres water = 5 litres diluted RonaFloor Concrete Dustproofer	5 litres diluted RonaFloor Concrete Dustproofer will cover 5 x 12m <sup>2</sup> = 60m <sup>2</sup>
2nd coat	1 litre RonaFloor Concrete Dustproofer diluted with 4 litres water = 5 litres diluted RonaFloor Concrete Dustproofer	5 litres diluted RonaFloor Concrete Dustproofer will cover 5 x 12m <sup>2</sup> = 60m <sup>2</sup>

Typical guide: 1 litre of undiluted RonaFloor Concrete Dustproofer is sufficient for applying two coats over an area of 30m<sup>2</sup> based on average porosity