



Ronacrete
WORLD CLASS MANUFACTURER

RonaFloor Concrete Dustproofer

Concrete dustproofer and surface densifier

Description

RonaFloor Concrete Dustproofer is a VOC free, liquid sodium silicate solution. It is designed for use as a concrete surface densifier, hardener and sealer. The penetrating solution reacts with the calcium present in the cement of freshly laid concrete to produce insoluble calcium silicate hydrate within the concrete pores which hardens the surface and renders it dustproof. The surface durability, abrasion, stain and chemical resistance is also improved.

RonaFloor Concrete Dustproofer will extend the life of both old and new concrete floors and surfaces. Suitable for concrete, terrazzo and limestone.

RonaFloor Concrete Dustproofer will not be effective in binding together surfaces where the cement paste is of such poor quality that the surface is disintegrating.

Features

- **dustproofs and densifies cementitious surfaces**
- **low odour and VOC free**
- **non-flammable**
- **improves cleanability of surfaces**
- **easy to apply**
- **UV stable - will not yellow or flake**
- **improved chemical and stain resistance**

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.

Surface preparation

Cement bound floors must be sound, clean, dry and free from oils, grease, fats, etc. New concrete floors are to be 7-10 days old before application. Pores in the surface should be opened up by wire brushing, followed by vacuuming of dust and loose particles. Test the surface absorbency with a light water spray. If surfaces do not wet uniformly then the surface must be chemically or mechanically cleaned prior to application.

Application

Use as supplied onto prepared surfaces. Apply uniformly onto floor surfaces at a rate of 4-6m² per litre using a low pressure sprayer at approximately 300-400mm from the surface. Using a cloth, soft bristled broom or roller, work the material into the surface, avoiding the formation of puddles.

Leave for 30-60 minutes, the material will begin to gel on the surface and will become slippery. Wet the surface with water and re-work using a soft broom or roller. If after a further 20-30 minutes there is any material remaining on the surface unabsorbed, the surface should be rinsed/washed and squeegeed away. Do not allow the material to dry on the surface as a white crystalline deposit will be left on the surface, which is

difficult to remove. A second application may be required on more porous surfaces. Repeat the process as above and squeegee away any excess material after one hour.

If the surface has been polished or is dense, RonaFloor Concrete Dustproofer may be diluted 1:1 with clean water to help the silicate solution penetrate. Follow the same procedure as above for application and removal.

RonaFloor Concrete Dustproofer is an alkaline solution (pH approx. 13 - 13.5). The material can react with some metal surfaces and be corrosive therefore precautions/protection should be in place to avoid contact. It is incompatible with strong oxidising agents, strong acids, glass, painted surfaces and metals such as zinc, tin, aluminium, copper and their alloys, permanent damage to the above metals can occur if not quickly cleaned off. The material is compatible with stainless steel.

Application conditions

Minimum application temperature is 5°C, maximum application temperature is 25°C. Do not apply in direct sunlight or onto heated surfaces.

If using externally, do not apply in the rain or if rain is expected during the application/drying period.

Unit size & coverage

Supplied in 16.5 litre units

Coverage is dependant on porosity of the surface, approximate coverage is 4-6m² per litre per coat.

Cleaning

Tools and equipment should be washed with water immediately after use.

Health & safety

Refer to Safety Data Sheet.

Shelf life & storage

Store unopened between 5°C and 25°C in dry warehouse conditions and out of direct sunlight. In these conditions shelf life is approximately 12 months. To be used within 3 months of opening. Agitate container if stored for a prolonged period.

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.

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.