



RonaFloor HB Vertical Grade

Solvent free two component high build vertical grade epoxy coating



FEATURES

- 100% solids
- solvent free chemical resistant wall coating
- excellent wear resistance
- hygienic surface
- coloured for decorative appearance
- gloss finish
- low maintenance
- apply to concrete, polymer modified render, brickwork and blockwork

Description

RonaFloor HB Vertical Grade is a two component, solvent free high build epoxy coating for vertical application to concrete, polymer modified render, brickwork and blockwork. RonaFloor HB Vertical Grade provides excellent abrasion resistance to vertical surfaces.

RonaFloor HB Vertical Grade may be used in conjunction with Ronacrete resin flooring materials (such as RonaFloor HB100 and HB200) to produce a continuous seamless finish onto vertical surfaces.

Physical Properties (at 20°C)

Working Time	30 minutes
Intercoat Period	16 - 24 hours
Light traffic	24 hours
Full chemical cure	7 days

Coverage

The coverage rate will vary depending on the texture and porosity of the substrate. Two coats of RonaFloor HB Vertical Grade are normally sufficient on dense substrates, on very porous substrates a primer coat of RonaFloor Epoxy Primer may be required. Typical application rate is 0.15 - 0.2kg/m²/coat.

Colours

RonaFloor HB coatings are supplied in a range of colours, refer to colour chart available on request.

Colour Variation

Packs should be used in strict batch rotation. Individual areas or rooms should be treated with material from a single batch to avoid the inevitable minor variations in shade between batches. (see FeRFA Guide To The Specification And Application Of Synthetic Resin Flooring).

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Instructions for Use

Substrate Preparation

To achieve optimal adhesion it is essential that RonaFloor HB Vertical Grade is applied to structurally sound, clean and dry substrates. Surfaces must be prepared after making good any defects, ensuring that friable materials are removed and replaced. Substrates must be prepared by captive shot blasting or similar approved method to produce lightly textured, laitance free surfaces. Substrates must be cleaned to remove grease, oil and dirt. Substrates must be allowed to dry after washing. Substrates must be vacuum cleaned, to remove loose materials. New concrete or render should be allowed to dry out for at least 28 days prior to coating. RH at the surface must be below 75% when measured with a hygrometer, or have a moisture content less than 5%.

Application Conditions

The workability and application characteristics of RonaFloor HB Vertical Grade are adversely affected by low temperature; viscosity and curing time will increase. Therefore the material should ideally be stored, mixed and applied at 15°C to 25°C. At lower application temperatures the material should be stored at or warmed to 15°C to 20°C prior to use. Application characteristics are severely affected below 10°C, minimum application temperature is 10°C. RH to be less than 75%.

Substrate Priming

When applying to porous substrates it is advisable to seal the prepared surface with RonaFloor Epoxy Primer.

Mixing

Add the full contents of the B component to the full contents of the A component and mix with a slow speed drill and spiral mixing paddle (MR3 type) until a homogeneous colour is achieved. Typical mixing time is approximately 3 minutes. Transfer the mixed material to a clean vessel and mix again for a further 1 minute. Transfer to a shallow paint tray immediately after mixing. Material must **never** be taken directly from the mixing vessel, to avoid the risk of unmixed material being used.

Application

Apply minimum 2 coats with a medium pile lambswool roller directly from a paint tray. Ensure intimate contact with the surface to ensure the surface is fully wetted. Ensure that the required thickness is achieved by monitoring the application rate.

RonaFloor HB Vertical Grade is a high solids material therefore must not be applied excessively thick to avoid curtaining of the material.

Cleaning

Brushes and tools should be cleaned immediately with xylene based solvent or RonaDeck Low VOC Cleaner.

Packaging

RonaFloor HB Vertical Grade is supplied in 2.5kg and 5kg packs.

Shelf Life and Storage

Store in unopened containers in dry warehouse conditions between 10°C and 25°C and protected from direct sunlight and frost. Shelf life is approximately 12 months in these conditions. To achieve optimum performance and appearance in shade and sheen, store and apply material at a constant ambient temperature, humidity and with the same air movement throughout the project. Avoid storage and application at air, substrate and material temperatures below 10°C.

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Health and Safety

Refer to Safety Data Sheet

First aid - Skin contact, wash immediately with soap and water. Eye contact - wash immediately with copious quantities of water for 10 minutes.

Seek immediate medical advice. Ingestion - wash mouth thoroughly with water. Drink water. Do not induce vomiting. Seek immediate medical advice. Spillage - extinguish any ignition sources. Wash small spills away with water, soak large spills with earth or sand; avoid contact; inform authorities if major spillage occurs. Notify Fire Brigade if spillage enters drains.

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.