









DATASHEET 18.01

RONAFLOOR

HB100

Solvent free two component epoxy floor coating

FEATURES

| | | |
|--|---|--|
|  <p>Solvent free</p> |  <p>Chemical resistant</p> |  <p>Excellent wear resistance</p> |
|  <p>Hygienic surface</p> |  <p>FeRFA Class 2 coating</p> |  <p>Range of colours for demarcation zones</p> |
|  <p>Slip resistant</p> |  <p>Low maintenance</p> | |

SPECIFICATIONS

| Physical Properties | |
|--------------------------------|-------------------------------------|
| Pot Life | 30-45 minutes |
| Initial Cure Time | 6-8 hours |
| Intercoat Period | 6-24 hours |
| Foot traffic | 12-24 hours |
| Fork lift traffic | 24-48 hours |
| Full chemical cure | 7 days |
| Coverage per pack | Up to 25m ² / pack/ coat |
| Compressive strength ASTM D695 | 55N/mm ² |
| Flexural Strength ASTM D790 | 28kN/mm ² |

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

RonaFloor HB100 is a FeRFA Class 2 two component, solvent free epoxy floor coatings for use on concrete and polymer modified screeds. RonaFloor HB100 provides excellent abrasion and chemical resistance to floors subject to constant traffic. Cured dry film thickness for a 2 coat application is approximately 0.2mm.



USING THE SURFACE

RonaFloor HB100 can be trafficked by foot after 12-24 hours and by forklift truck traffic after 24-48 hours.

SLIP RESISTANCE

RonaFloor HB100 is slip resistant in dry conditions. The addition of RonaFloor A/S Aggregate will increase the slip resistance in wet conditions.

WORKING TEMPERATURES

Optimum workability of RonaFloor HB100 is achieved at temperatures between 15°C and 25°C. At lower temperatures the consistency of the resin becomes thicker and it becomes progressively more difficult to work and when working at temperatures lower than 15°C, it is advisable to store materials

at approximately 20°C until immediately before mixing. Minimum application temperature is 5°C, maximum application temperature is 30°C approximately. Initial set and trafficability will be retarded at lower temperatures.

PACKAGING

RonaFloor HB100 is supplied in 5kg and 20kg 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.

How to contact us:

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

Alternatively, you can email us using the email addresses.

Sales
sales@ronacrete.co.uk

Technical
technical@ronacrete.co.uk

Office/ warehouse Ronac House, Flex Meadow, Harlow, Essex CM19 5TD

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.