

RonaFloor PU Acryl Coating WB

Hybrid polyurethane/ acrylic water based floor and wall sealer



FEATURES

- excellent weathering resistance
- in-surface sealing eliminates dusting
- improves frost resistance of concrete
- simple to use
- supplied ready to use
- water based

Description

RonaFloor PU Acryl Coating WB is a single component water based polyurethane sealer/ coating for use in occupied areas or where there is insufficient ventilation to use a solvent based product. It forms a hard film which is UV resistant and therefore non-yellowing.

Physical Properties

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| Coverage (approx.) | 6-8m² per litre per coat |
| Number of coats | 2 typical, more on very porous substrates |
| Touch dry | 4 hours @ 20⁰C & 60% RH |
| Re-coatable | 4-24 hours @ 20⁰C & 60% RH |
| Foot Traffic | 24 Hours @ 20⁰C & 60% RH |
| Full cure | 7 days |
| Flash point | > 100⁰C |
| Application temperature range | 10⁰C to 25⁰C |
| Shelf life | 12 months @ minimum 5⁰C |
| Taber Abrasion CS17/1000g load/1000 cycles | 150 mg weight loss |

Note that coverage rates quoted are theoretical and based on application on to smooth non-porous surfaces; actual coverage rates can be assessed only by practical trials on representative areas of the structure and these are recommended in all situations, especially where the texture of the surface is rough and/ or porous.

Limitations

- only apply on to dry surfaces
- protect from water spills, rain and adverse weather until fully cured
- adhesion is reduced on non-porous surfaces
- suitable for use in office and similar commercial environments. Where heavy wear is anticipated, RonaFloor PU Coating may be more appropriate.

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Instructions for Use

Surface Preparation

Thoroughly clean all surfaces to remove loose material, dirt, dust, grime etc. Ensure the surface is dry before application. Any moss, algae or fungal growth should be treated with Fongimousse Plus followed by hosing and stiff brushing.

Method of Application

1. RonaFloor PU Acryl Coating WB is supplied ready to use; no dilution is required.
2. Apply RonaFloor PU Acryl Coating WB by medium nap lambswool roller or airless spray and ensure full coverage.
3. Apply evenly; uneven application may result in visible roller marks and shading.
4. Two coats are normally sufficient when for application to normal porosity concrete, porous concrete may require at least three coats. Porous screeds and renders may require four or more coats.
5. Overcoat previous coats after 4-24 hours @ 20°C & 60% RH
6. Avoid pooling, ponding and over-treating to avoid water entrapment.
7. When attempting to consolidate porous and friable surfaces such as screeds or renders, apply successive coats to satisfy the porosity of the surface and until no more is absorbed. The degree to which such surfaces can be improved is variable and dependent on factors including the condition of the surface, the size and nature of pores, the original strength and stability of the surface. Application of this type is not always successful.

Packaging

RonaFloor PU Acryl Coating WB is supplied in 5 litre and 25 litre drums.

Shelf Life and Storage

Shelf life is 12 months. Replace lid immediately after use. Store in a cool, dry place above 5°C.

Health and Safety

Refer to Safety Data Sheet.

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.