

# RonaFloor PU Coating

## Polyurethane floor and wall sealer



### FEATURES

- excellent weathering resistance
- superior abrasion resistance
- in-surface sealing eliminates dusting
- improves frost resistance of concrete
- resists a wide range of chemicals
- simple to use
- supplied ready to use
- moisture curing

### Description

RonaFloor PU Coating is a single component solvent based moisture cured polyurethane sealer/ coating which offers superior abrasion, chemical and weather resistance. When used as a coating it forms a hard film which is UV resistant and therefore non-yellowing.

### Physical Properties

<b>Coverage (approx.)</b>	<b>6-10m<sup>2</sup> per litre per coat</b>
<b>Number of coats</b>	<b>2 typical, more on very porous substrates</b>
<b>Touch dry</b>	<b>2 hours @ 20°C &amp; 60% RH</b>
<b>Re-coatable</b>	<b>2-24 hours @ 20°C &amp; 60% RH</b>
<b>Light pedestrian traffic</b>	<b>4 hours, light vehicle traffic 24 hours @ 20°C &amp; 60% RH</b>
<b>Full cure</b>	<b>7 Days</b>
<b>Flash point</b>	<b>26°C</b>
<b>Application limits</b>	<b>5°C to 25°C &amp; 30%-70% RH</b>
<b>Shelf life</b>	<b>12 months</b>
<b>Taber Abrasion CS17/1000g load/1000 cycles</b>	<b>21mg weight loss</b>

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
- do not use RonaFloor PU Coating near naked flame
- protect from water spills, rain and adverse weather until fully cured
- adhesion is reduced on non-porous surfaces such as glazed tiles

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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 Coating is supplied ready to use; no dilution is required.
2. Apply RonaFloor PU Coating by medium nap lambswool roller and ensure full coverage.
3. Apply evenly; uneven application may result in visible roller marks and shading.
4. A single heavy coat applied at a rate of 6m<sup>2</sup> per litre is typically sufficient when an in-surface seal is required. Two coats are normally sufficient when a surface film is required to concrete of normal porosity, porous concrete may require at least three coats. Porous screeds and renders may require four or more coats. When applying coloured RonaFloor PU Coating to concrete, three coats may be required to achieve full opacity.
5. Overcoat previous coats after 4-24 hours @ 20°C & 60% RH
6. Avoid pooling, ponding and over-treating to avoid solvent 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 Coating is supplied in 5 litre and 22 litre drums .

### Shelf Life and Storage

Shelf life is 12 months. Replace lid immediately after use. Once opened use the material within 2 days. Store in a cool, dry place.

### 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.