

### Description

Resbuild WB Coating is a high performance, water dispersible Epoxy coating for the treatment of floors and walls and is designed to be user and environmentally friendly, containing no solvents and being of a very low odour during application.

Resbuild WB Coating may be easily applied by brush, roller or airless spray, to provide a decorative, abrasion and chemically resistant coating of excellent durability.

### Typical Uses

As a floor covering in food factories, abattoirs, dairies, laboratories etc.

As a chemically resistant coating for bund areas.

As an anti-graffiti coating.

As a hygienic, easily cleanable surface on walls, ceilings etc.

### Advantages

- May be applied to dry or damp surfaces
- Available in a range of colours
- Low odour
- Easily applied
- Excellent resistance to water, oils, skydrol, petrol, dilute acids, alkalis and many solvents.
- Very good adhesion to concrete
- Hygienic and easily cleaned.
- Matt and Gloss options

### Typical Properties

Pot life @ 20C: 60 Minutes

@ 10C: 120 Minutes

Colours: Grey, Red (BS4800 or RAL on request)

Application Temperatures Minimum: 3°C

Maximum: 30°C

Coverage: 0.20-0.25kg/m<sup>2</sup>/coat

Volume Solids: 65%

Temperature resistance: 75°C (dry), 65°C(wet)

Chemical resistance: excellent resistance to water, dilute acids, dilute alkalis, glycol ethers, dibasic ester solvent, skydrol etc. Please consult our Technical Department for specific advice.

### Packaging

Resbuild WB Coating is supplied in 5kg and 15kg packs

### Procedure

#### **Surface Preparation**

Concrete surfaces shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound, existing paint finishes, etc.

Blow holes and defective concrete shall be made good using a proprietary repair compound e.g. Resbuild Floorpatch or Resbuild EPA.

Suitable mechanical treatment such as vacuum grit blasting, or chemical treatment such as acid etching, is recommended to ensure a clean, uncontaminated substrate

#### **Priming**

A primer coat of Resbuild WB Primer is recommended on concrete substrates. This will facilitate application to damp and/or absorbent surfaces.

Apply the Resbuild WB Primer at a nominal rate of 0.2kg per m<sup>2</sup> in accordance with the product data sheet instructions. Allow the milky colour of the primer to disappear before overcoating. This will typically be between 2-4 hours, depending on temperature and ventilation conditions.

#### **Mixing**

Pour the contents of the CURING AGENT tin into the BASE container and thoroughly mix, preferably by mechanical means until a uniform colour is achieved.

The mixed material may be thinned by the addition of up to a maximum of 5% by volume of clean potable water.

#### **Application**

Apply by brush, roller or airless spray at a nominal rate of 0.20 to 0.25kg/Sq.m. per coat equivalent to a dry film thickness of 100-125 microns.

A minimum two coat treatment is recommended, applying subsequent coats after a minimum interval of 16 hours curing. Ensure good ventilation after application, as this speeds up the physical drying stage of the curing process.

Should a non-slip finish be required, a suitable silica sand should be scattered onto the first coat of Resbuild WB coating whilst still wet. The following day any excess sand may be swept from the surface using a clean brush prior to application of the second coat.

#### **Equipment Cleaning**

Clean equipment with Resbuild Toolclean prior to curing of the coating.

**Curing**

Allow to cure for a minimum of 24 hours @ 20°C prior to light foot traffic access and 48 hours @ 20° prior to vehicular trafficking.

7 days cure @ 20°C is recommended prior to exposure to chemicals.

Good ventilation is essential for satisfactory cure.

Lower temperatures will extend the curing time.

**Storage and Shelf Life**

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C.

Resbuild WB Coating has a minimum of 12 months shelf life when stored in original, unopened containers in accordance with manufacturer's instructions.

**Coverage**

A 5kg pack is sufficient to treat 10-12.5 m<sup>2</sup> of surface with the recommended two coat treatment, providing an overall d.f.t. of 200-250 microns. (15kg pack pro rata).

**Limitations**

Do not apply to wet or uncured concrete surfaces.

Do not apply at temperatures of 3°C or less.

In poorly ventilated areas forced extraction must be provided.

**Health and Safety**

Avoid contact of the material with skin and eyes.

Wear gloves and goggles

Wash off splashes immediately with soap and water.

Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.

Please refer to Material Safety Data Sheet for additional information

Resbuild WB coating shall be applied strictly in accordance with the manufacturer's instructions

For specific advice regarding any aspect of this product, please consult our Technical section.



## RESBUILD WB COATING

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The information provided in this Product Data Sheet is intended for general guidance only and is given in good faith based on Resin Building Products Limited current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this data sheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the Product Data Sheet for the product concerned. All materials are supplied in accordance with our standard terms and conditions of sale (available upon request).