

Description

Resbuild WB Coating, Fast Cure, is a high performance, water dispersible Epoxy coating for the treatment of floors and walls, and is designed to be user and environmentally friendly, having a very low VOC content, and being of a very low odour during application. Resbuild WB Coating, Fast Cure, 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, office floors, etc.

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

Advantages

- Fast Curing
- 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.
- Slip resistant option.

Typical Properties

Pot life @ 20C: 60 Minutes

Colours: Range of RAL colours in grey, green, blue, red, beige, yellow, black & white.

Finish: Semi-gloss as standard

Application Temperatures : minimum = 3°C
maximum = 30°C

Coverage: 0.20-0.25kg/m²/coat

Volume Solids: 65%

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, Fast Cure, 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, is recommended to ensure a clean, uncontaminated substrate.

Priming

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

Apply the Resbuild WB Primer, Fast Cure, at a nominal rate of 0.2kg per m² in accordance with the product data sheet instructions. Allow the primer to cure for a minimum period of 2 hours @ 20°C. Ensure good ventilation during the drying/curing period.

Mixing

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

The mixed material may be thinned by the addition of up to a maximum of 10% by volume of clean, potable water.

Application

Apply by brush, roller or airless spray at a nominal rate of 0.20 to 0.25kg/m². 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 3 hours cure at 20°C. Ensure good ventilation after application, as this speeds up the physical drying stage of the curing process. For a lightly textured finish it is possible to incorporate polymer beads into the coating.

Should a coarse slip resistant finish be required, a suitable Quartz should be scattered onto the first coat whilst still wet. The following day any excess Quartz may be swept from the surface using a clean brush prior to application of the second coat.

Please consult our Technical Department regarding slip-resistant finishes for further information.

Equipment Cleaning

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

Curing

Allow to cure for a minimum of 3 hours @ 20°C prior to light foot traffic access and 8 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, Fast Cure, has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Coverage

A 5kg pack is sufficient to treat 10-12.5 m² 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, Fast Cure, shall be applied strictly in accordance with the manufacturer's instructions

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

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).