

Description

Resbuild Crystal Coat, a modified version of Resbuild Clearcoat, is designed for applications where thicker sections are to be applied, e.g. for encapsulation.

The glossy, tackfree surface, together with the high U.V. resistance of the product are exactly similar to that of Resbuild Clearcoat, but Resbuild Crystal Coat maintains its clarity at thicknesses >500µm.

Typical Uses

As a clear casting or encapsulation resin for thicknesses in excess of 500µm.

Advantages

- Excellent clarity in thicker sections
- U.V. stable
- High Gloss
- Low V.O.C., low odour
- Excellent adhesion to concrete and stonework.
- Good chemical resistance

Typical Properties

Appearance: Clear liquid of low odour

Viscosity: 350-400cps @ 20°C

Pot Life: 30-40 minutes @ 20°C

Tack free time: 8 hours @ 20°C

Hard dry time: 16 hours @ 20°C

Full chemical resistance: 7 days @ 20°C

Chemical Resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, diesel and vegetable oils.

Packaging

Resbuild Crystal Coat is supplied in 1kg, 2kg and 5kg packs.

Procedure**Surface Preparation**

- All surfaces should be sound, clean, and free from dust, dirt, laitance, oil and other contaminants. All laitance must be removed by vacuum grit blasting, ensuring that any residual dust is removed prior to coating application. New concrete surfaces must be a minimum of 21 days old and/or have a residual moisture content below 6%.

Mixing

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

Application

Apply by brush, roller, squeegee or simply by pouring onto the prepared surface at the desired thickness.

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°C prior to vehicular trafficking.

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

Storage and Shelf Life

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

Do not expose to freezing conditions.

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

Coverage

A 5kg pack of Resbuild Crystal Coat will cover 4.6m² of surface at a thickness of 1mm.

Limitations

Do not apply to wet or uncured concrete surfaces.

Do not apply at temperatures of 5°C or less.

N.B. Resbuild Clearcoat is the preferred clear sealer for screeds and flake systems.

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 Crystal Coat 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).