

Description

Resbuild Clearcoat provides a glossy, tack free surface, even under conditions of high humidity, and is effectively non-yellowing under the influence of UV light. The product cures rapidly and is a versatile, chemical resistant sealer/clear coating for concrete and the range of Resbuild Epoxy screeds and mortars.

Typical Uses

As a clear sealer for Resbuild SL Screed and Resbuild Quartscreed.

As a clear coating for concrete, natural stonework, etc.
As a binder for coloured Quartz or natural stone.

Advantages

- Solvent free, low odour.
- Excellent adhesion to concrete and stonework.
- UV stable.
- Cures under cool, damp conditions.
- Clear glossy film.
- Low viscosity, easily applied.
- Good chemical resistance.

Typical Properties

Appearance: Clear liquid of low odour

Viscosity: 350-400cps @ 20°C

Pot Life: 25-30 minutes @ 20°C

Tack free time: 8 hours @ 20°C

Hard dry time: 14 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 Clearcoat 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%.
- For sealing epoxy screeds ensure that the epoxy screed is clean and free from contaminants.

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. Allow to stand for 2-3 minutes prior to application.

Application

Apply by brush, or roller to the prepared surface at a nominal rate of 0.15-0.30kg/m².

Should a second coat be required, allow the first coat to cure for a minimum period of 8 hours @ 20°C.

For application to epoxy screeds, Resbuild Clearcoat may be applied by squeegee until refusal, then 'back rolled' using a short pile lambswool roller to remove excess.

Equipment Cleaning

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

Curing

Allow to cure for a minimum of 8 hours @ 20°C prior to light foot traffic access and 16 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 Clearcoat has a minimum of 12 months shelf life when stored in original, unopened containers in accordance with manufacturer's instructions.

Coverage

0.15-0.30kg/m² per coat

Limitations

Do not apply to wet or uncured concrete surfaces.
Do not apply at temperatures of 3°C or less.

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 Clearcoat shall be applied strictly in accordance with the manufacturers instructions

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

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).