

Description

Resbuild Tackprimer, Fast Cure, is a fast setting and low temperature grade primer for concrete and masonry surfaces, suitable for application at temperatures down to 1°C.

The product exhibits outstanding adhesion to old and new concrete, including cool damp surfaces, and may be used in all rapid or low temperature bonding and priming operations involving concrete and other masonry surfaces. Resbuild Tackprimer Fast Cure, is supplied as a two pack system, comprising pre-weighed amounts of BASE and CURING AGENT components.

Typical Uses

As a primer for concrete prior to the application of other Resbuild products.

As an adhesive for bonding new to old concrete e.g. resin bonding new floor toppings to old concrete.

As a protective treatment to exposed steel re-enforcement during concrete repair.

Advantages

- Solvent free, low odour
- Excellent adhesion to concrete and steel
- Impervious to water
- Low viscosity, easily applied
- May be applied to cool, damp surfaces
- Pre-packaged units ready for use
- Very good chemical resistance
- Rapid Cure

Typical Properties

Viscosity: 400 cps @ 20°C

Pot life @ 20°C: 20 Minutes

Appearance: Pale, straw coloured liquid with low odour.

Adhesion to concrete: 4.1MPa (concrete failure)

Packaging

Resbuild Tackprimer, Fast Cure, is supplied in 1kg, 2kg and 5kg packs

Procedure

Surface Preparation

- a) 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, and existing paint finishes etc. Suitable mechanical treatment such as vacuum grit blasting or mechanical scabbling is recommended to ensure the removal of contaminants and to provide a mechanical 'key' for the Resbuild Tackprimer, Fast Cure.
- b) Steel reinforcement shall be abraded, wire-brushed, etc, to remove all traces of rust. Priming should immediately follow preparation to obviate the possibility of flash rusting.

Mixing

Resbuild Tackprimer, Fast Cure, is supplied in pre-weighed containers ready for mixing.

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

Application

Apply by brush or roller at a nominal rate of 0.15 to 0.30kg/m².

Ensure that the surface is thoroughly wetted out.

Allow the primer to 'tack up' for a minimum of 10 minutes prior to the application of subsequent treatments. Please refer to the Resbuild Floorpatch, Resbuild HB Mortar or Resbuild Tufscreen product data sheet, as appropriate.

Note: In this section the primer will remain 'open' for 60 minutes @ 20°C, within which time subsequent application should be carried out. Should this period be exceeded then the surface must be re-primed prior to continuing.

Equipment Cleaning

Clean equipment with Resbuild Toolclean immediately after use.

Curing

Touch dry after 2 hours @20°C

Hard dry after 4 hours @ 20°C

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 Tackprimer, Fast Cure, has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Coverage

3.5-7.0m²/kg depending on surface texture.

Limitations

Do not apply to wet or uncured concrete surfaces.

Do not apply to temperatures below 1C, or if there is a risk of frost during the initial curing period.

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 Tackprimer, 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).