

Description

Resbuild Steelprime is a two pack, water-based, Epoxy, anti-corrosive primer designed for the protection of steelwork.

Whilst optimum performance will only be achieved by applying to well prepared substrates, Resbuild Steelprime will adhere well to minimally prepared surfaces.

Resbuild Steelprime has been formulated to provide fast touch dry times and rapid hardness development.

Typical Uses

As an anti-corrosive primer for steel work.

As a holding primer for grit blasted steel surfaces.

Advantages

- Non toxic
- Fast drying
- May be applied to damp or dry surfaces
- Excellent anti-corrosive properties
- Compatible with a wide range of top coats
- Long overcoating window
- Easily applied
- Very good adhesion
- Early water resistance
- Good chemical resistance

Typical Properties

Colours: Light grey, red (other colours available on request).

Volume solids: 60%

Specific Gravity: 1.46

Pot Life: 2 hours @ 20°C

Curing:

Touch Dry: 1-2 hours @ 20°C

Hard Dry: 4 hours @ 20°C

Full Cure: 7 days @ 20°C

Overcoating at 20°C: minimum 4 hours, maximum 2 months.

Packaging

Resbuild Steelprime is supplied in 1L, 5L and 20L packs

Procedure**Surface Preparation**

Steel/Galvanised steel: Any rust, mill scale and other contaminants should be removed by gritblasting to Swedish Standard Sa 2.5. Reduced levels of surface preparation, e.g. wire brushing to remove loose rust, are permissible, but may lead to lower performance levels.

Mixing

Mix the two components together, preferably by mechanical means, until a uniform consistency has been achieved.

Application

Apply the material by brush, roller or airless spray, at a nominal rate of 4-6m² per litre per coat.

Equipment Cleaning

Clean equipment with Resbuild Toolclean immediately after use.

Curing

Resbuild Steelprime will be touch dry following 1-2 hours cure @ 20°C in conditions of good ventilation.

Following 4 hours cure @ 20°C the material will be hard dry, and then may be re-coated.

Allow 7 days cure@20°C for optimum chemical resistance and mechanical properties.

The primer may be allowed to age and weather for a maximum period of up to 2 months prior to top coating.

Storage and Shelf Life

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

Avoid frost.

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

Coverage

1 litre of Resbuild Steelprime will be sufficient to treat 4-6m² of surface, achieving a overall dry film thickness of 100-150 microns.

Limitations

Do not apply to wet surfaces.

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

Owing to its comparatively weak cohesive nature, the primer is not suitable for overcoating with very high build systems such as Resbuild ET Slurry (danger of 'splitting' of the primer and subsequent delamination of the system)

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 Steelprime 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).