

Description

Resbuild Steelprime is a two pack, water-based, anti-corrosive coating designed for the protection of steel and concrete surfaces.

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 to different substrates
- 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**

- a. Steel/Galvanised steel: Any rust, mill scale and other contaminants should be removed by gritblasting to Swedish Standards Sa 2.5. Reduced levels of surface preparation, e.g. wire brushing to remove loose rust, are permissible, but will lead to lower performance characteristics.
- b. Existing coatings: If well bonded, existing coatings shall be abraded and solvent wiped prior to top coating with Resbuild Steelprime. Alternatively, the existing coating may be subjected to a light grit sweep. Any unsound or loosely adhering coatings must be removed by mechanical means.

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.

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 of 12 months shelf life 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 an 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.
Matt finish only.

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 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).