

### Description

Resbuild MMA Steelprime has been developed as a primer for steel, galvanised steel, Aluminium, and unglazed ceramic tiles. being used prior to any of the Resbuild MMA range of coatings, mortars, and screeds. The product exhibits outstanding adhesion to steel surfaces, and the fast curing characteristics allow rapid application of subsequent coatings, mortars or screeds. Resbuild MMA Steelprimer is supplied as a three pack material, comprising pre-weighed amounts of **Base**, **Catalyst** and **Adhesion promoter** components.

### Typical Uses

As a primer for metal substrates, prior to application of other Resbuild MMA products.

As a primer for ceramic and vitreous tiles.

### Advantages

- Rapid cure, even at low temperatures
- Very good corrosion resistance
- Excellent adhesion
- Impervious to water
- Pre-packed units ready for use
- Easily applied

### Typical Properties

Viscosity: 300 cps @ 20°C

Pot life @ 20°C: 15 Minutes

Pot life @ 10°C: 25 minutes

Colour: Straw coloured liquid.

Adhesion to steel: 15MPa

Temperature range during application: -30°C\* to + 40°C

Temperature range during service: -40°C to + 60°C

\*Refer to our Technical Department for advice

### Packaging

Resbuild MMA Steelprime is supplied in 5kg 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) **Ceramic Tiles:** Abrade to roughen the surface, removing any dust.

#### **Mixing**

Pour the contents of the **Adhesion Promoter** container into the **Base** container and thoroughly mix, preferably by mechanical means. Then add the **Catalyst** component and mix to a uniform consistency.

#### **Application**

Apply by squeegee, brush or roller at a nominal application rate of 0.25-0.30kg/m<sup>2</sup>.

Allow to cure for a minimum of 40 minutes prior to applying any other of the Resbuild MMA product range. If an interval of more than 8 hours between primer application and subsequent overcoating is anticipated, or when priming ceramic tiles, then the primer shall be scattered with fine Quartz sand before hardening.

#### **Equipment Cleaning**

Clean equipment with Resbuild MMA Toolclean immediately after use.

#### **Curing**

Minimum overcoating interval: 40 minutes @ 20°C.

#### **Storage and Shelf Life**

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 20°C.

Adequate ventilation of the storage area should be provided.

Keep containers tightly closed when not in use.

Resbuild MMA Steelprime has a minimum shelf life of 6 months when stored in original, unopened containers in accordance with manufacturer's instructions.

#### **Coverage**

A 5kg pack is sufficient to prime an area of 15-20m<sup>2</sup>.

**Limitations**

Do not apply to wet surfaces.  
Resbuild MMA Steelprime will taint food during application, so that all foodstuffs in the immediate vicinity must be removed or properly covered.

**Health and Safety**

Resbuild MMA Steelprime is flammable during application, so that adequate safety precautions should be observed.

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 MMA 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).