

### Description

Resbuild MMA Primer has been developed as a general purpose primer, being used prior to any of the Resbuild MMA range of coatings, mortars, and screeds.

The product exhibits outstanding adhesion to concrete, as well as steel, masonry, and marine plywood, and the fast curing characteristics allow rapid application of subsequent coatings, mortars or screeds.

Resbuild MMA Primer is supplied as a two pack material, comprising pre-weighed amounts of **Base** and **Catalyst** components.

The mix ratio is fairly tolerant to variations within the range of 1% to 5% addition of **Catalyst**, so that part packs may be used if care is exercised.

### Typical Uses

As a primer for concrete, steel, masonry, and marine plywood.

### Advantages

- Rapid cure, even at low temperatures
- Very good chemical 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 concrete: 3.5MPa (concrete failure)

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 Primer is supplied in 5kg packs

### Procedure

#### **Surface Preparation**

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 primer.

#### **Mixing**

Pour the contents of the Catalyst container into the Base container and thoroughly mix, preferably by mechanical means.

#### **Application**

Apply by squeegee to distribute evenly over the floor, and then use a long nap lambswool roller to achieve 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 then the primer shall be scattered with fine silica 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 Primer 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>.

Exceptionally porous surfaces may require a second coat.

#### **Limitations**

Do not apply to wet or uncured concrete surfaces.

Resbuild MMA Primer will taint food during application, so that all foodstuffs in the immediate vicinity must be removed or properly covered.

## **Health and Safety**

Resbuild MMA Primer 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 Primer 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).