

## *MMA Resin Based Concrete Primer* *Fast curing primer for MMA resin systems*

Resbuild MMA Primer is a general-purpose primer, being used prior to any of the Resbuild MMA range of coatings, mortars, and screeds.

### Advantages


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

### Typical Uses

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

### Technical Information

Colours	Clear
Pot life 20°C	12 Minutes
Foot traffic 20°C	1 Hour
Vehicle Traffic 20°C	2 Hours
Adhesion to concrete	4 MPa (Concrete Failure)

	
Resin Building Products Ltd Resbuild House, Unit 4, Durham Lane, Doncaster, DN3 3FE	
CPR-RBP-031-001 EN1504-2 Surface Protection Systems for Concrete 1.3 & 5.1	
Abrasion Resistance	80mg weight loss (CS17 wheels; 1kg loads, 1000 cycles)
Impact Resistance	≥20Nm
Adhesion Strength by Pull-off Test	>2MPa
Compressive Strength	NPD
Capillary Absorption (water permeability)	< 0.1kg/(m <sup>2</sup> .h <sup>0.5</sup> )
Permeability to CO <sub>2</sub>	CO <sub>2SD</sub> > 50 m
Permeability to Water Vapour	Class III

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**1995**

### Application Conditions

Do not apply to wet, damp or uncured concrete surfaces. For temperatures of 0°C to -25°C, the product is available in a Freezer Grade. Please consult our technical department for specific information.

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

### Surface Preparation

- **Concrete** shall be a minimum of 28 days old. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound and existing paint finishes etc. Blow holes and defective concrete shall be made good using a proprietary repair compound e.g. Resbuild MMA Floorpatch. Block work walls shall be sealed using Resbuild Surfacer. Suitable mechanical treatment such as vacuum grit blasting, or diamond grinding is the preferred treatment prior to application as this ensures a mechanical 'key' for the coating.

### 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 0.3-0.5kg/m<sup>2</sup> dependent on surface profile.

Allow to cure for a minimum of 45 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

Allow to cure for a minimum of 45 minutes @ 20°C, and ensure the primer is tack-free, prior to overcoating.

### Packaging

Resbuild MMA Primer is supplied in 1 and 5kg packs.

### Coverage

A 5kg pack is sufficient to prime an area of 15-20m<sup>2</sup>. Exceptionally porous surfaces may require a second coat.

### 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.

### Health and Safety

Resbuild MMA Primer is flammable during application and 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 Departments.