RESBUILD
MMA COLOURCOAT

Coloured Sealer and Coating System
Wide range of colours available

Resbuild MMA Colourcoat is a two pack, fast curing coating designed to provide a dust-free, seamless floor finish with protective and decorative properties.

Advantages

- Tough and abrasion resistant
- Colour Stable
- Good chemical resistance
- Rapid curing minimises down times
- Suitable in wet areas
- Hygienic and easily cleaned
- Cures at low temperatures
- Hot water and fat resistant

Typical Uses

- As an abrasion and chemical resistant floor coating.
- As a tough, decorative finish coat for Resbuild MMA Smoothscreed.

Technical Information

Colours	Wide range of BS4800 & RAL Colours available on request
Pot life 20°C	15 Minutes
Foot traffic 20°C	1 Hour
Vehicle Traffic 20°C	2 Hours
Adhesion to concrete	4 MPa (Concrete Failure)

Chemical Resistance

Chemical resistance: excellent resistance to dilute acids, dilute alkalis, oil, petrol, diesel, vegetable oils, raw sewage etc. Please consult our Technical Department for specific advice.

UK CA

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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	≥50MPa
Capillary Absorption (water permeability)	< 0.1kg/(m^2.$h^{0.5}$)
Permeability to CO_2	$CO2_{SD}$> 50 m
Permeability to Water Vapour	Class III

Coverage

Nominal application rate 0.3 – 0.6kg/m²/coat, depending on surface profile. Minimum of 2 coats recommended.

Packaging

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

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ESTABLISHED
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Application Conditions

Do not apply to unprimed concrete.
Do not apply at temperatures lower than 0°C.
Resbuild MMA Colourcoat requires adequate ventilation to cure. Resbuild MMA Colourcoat will taint food during application, all foodstuffs in the immediate vicinity must be removed or properly covered.

Surface Preparation

- **Concrete** 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. 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. Diamond grinding or shot blasting is the preferred preparation method prior to application as this ensures that a suitable mechanical 'key' is achieved.

- **Steel** surfaces shall be shot blasted, or grit blasted to a nominal Sa 2.5 Swedish standard. All dust and grease shall be removed prior to coating application.

Priming

- Concrete surfaces shall be primed using Resbuild MMA Primer.

- Damp surfaces shall be primed using Resbuild MMA Damp Primer.

- Steel surfaces shall be primed using Resbuild MMA Steelprime.

Please consult the relevant product data sheets for further information.

Mixing

Pour the contents of the CATALYST container into the BASE container and thoroughly mix by mechanical means until a uniform colour is achieved.

Application

Apply Resbuild MMA Colourcoat using short nap perlon, or smooth lambswool rollers at a nominal rate of 0.3-0.6kg/m². Following a minimum of 1 hour apply a second coat. Should a slip resistant or skid resistant finish be required then broadcast an appropriate aggregate onto the first coat within 10 minutes of application. Following a minimum of 1 hour, sweep off excess aggregate and apply a second coat of Resbuild MMA Colourcoat.

Equipment Cleaning

Clean equipment with Resbuild MMA Toolclean prior to curing of the coating.

Curing

Light Foot Traffic: 1 hour @ 20°C.
Vehicular Traffic: 2 Hours @ 20°C.
Full chemical resistance: 24 hours @ 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 container tightly closed when not in use.
Resbuild MMA Colourcoat 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 Colourcoat 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 Colourcoat 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).