

Description

Resbuild MMA Flexcoat is a two pack, fast curing flexible coating usually for Tarmac and Asphalt surfaces. Concrete surfaces may also be treated, following suitable preparation and priming.

Designed to provide a dust free, seamless floor finish with protective and decorative properties. The flexible coating maybe enhanced by the incorporation of suitable anti slip dressing aggregate.

Resbuild MMA Flexcoat allows a fast return to service.

Typical Uses

As a tough durable slip resistant coating for Tarmac, Asphalt and Concrete type surfaces. e.g. parking bays, ramps, cycle paths, driveways, steps, etc.

Advantages

- Tough and abrasion resistant
- Very good chemical resistance
- Rapid curing minimises down time
- Easily applied
- Hygienic and easily cleaned
- Cures at low temperatures
- Flexible
- Range of decorative colours.

Typical Properties

Colour: Grey and Red as standard (BS4800 or RAL colours can be supplied upon request)

Pot life @ 20°C: 15 Minutes

Pot life @ 10°C: 20 minutes

Elongation at break: 250%

Adhesion to Asphalt: 3MPa(substrate failure)

Temperature range during application 5°C to +40°C

Temperature range during service: -30°C to + 60°C

Chemical resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, vegetable oils, and fruit juices.

For specific advice please consult our Technical Department.

Packaging

Resbuild MMA Flexcoat is supplied in 5kg & 10kg packs.

Procedure

Surface Preparation

Asphalt and Tarmac surfaces must be clean, dry and free from contaminants. New Asphalt and Tarmac must be allowed to 'weather' to ensure any excess oils are released. Mechanical preparation is not normally necessary, however vacuum shot blasting can be employed to clean the surface should this be required, and will provide a better mechanical 'key' in heavy duty environments.

Priming

No primer required for Asphalt and Tarmac surfaces. Prime using Resbuild MMA Primer on concrete. (please refer to Resbuild MMA Primer data sheet).

Mixing

Resbuild MMA Flexcoat is supplied as a two pack material consisting of the RESIN component, and the CATALYST component.

Incorporate the CATALYST component under mechanical stirring and mix for 1-2 minutes.

Application

Apply Resbuild MMA Flexcoat using short nap perlon or smooth lambswool rollers at a nominal rate of 0.3 – 0.6kg/m². Should a slip 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 Flexcoat.

Equipment Cleaning

Clean equipment with Resbuild MMA Toolclean immediately after use.

Curing

Light Foot Traffic: 2 hour @ 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 Flexcoat has a minimum shelf life of six months when stored in original, unopened containers in accordance with manufacturer's instructions.

Coverage

A 10kg pack will be sufficient to coat an area of 20m² at a rate of 0.5kg/m².

Limitations

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

Health and Safety

Resbuild MMA Flexcoat 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 Flexcoat 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).