

Description

Resbuild MMA Flexgrip is a two pack, fast curing flexible coating usually for Tarmac and Asphalt surfaces. Designed to provide a slip resistant, seamless floor finish with protective and decorative properties. The flexible coating is enhanced by the incorporation of blended slip resistant aggregates premixed in the resin. Resbuild MMA Flexgrip allows a fast return to service. Resbuild MMA Flexgrip is also available in Concrete grade for Concrete and Cementitious surfaces.

Typical Uses

As a tough durable slip resistant coating for Tarmac and Asphalt type surfaces. The coating can also be used on correctly prepared concrete and steel surfaces. Delineating parking bays, car parks, balconies, walkways, etc.

Advantages

- Slip resistant
- Rapid curing minimises down times
- Tough and abrasion resistant
- Easily applied, no primer required
- Cures at low temperatures
- Flexible
- Range of colours
- Available in Concrete Grade

Typical Properties

Colour: Blue 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
Tensile strength: 12N/mm²
Elongation at break: 50%
Adhesion to Asphalt: 3N/mm²(substrate failure)
Temperature range during application: 0°C* to + 40°C
Temperature range during service: -30°C to + 60°C
*Refer to our technical department for advice
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 Flexgrip 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/grit blasting is recommended when the material is being applied to concrete or steel surfaces to provide a mechanical 'key'.

Priming

Primer not normally required.
Concrete substrates should be primed with Resbuild MMA Primer. Alternatively, Resbuild MMA Flexgrip, Concrete Grade should be used.

Mixing

Resbuild MMA Flexgrip is supplied as a two pack material consisting of the BASE component, and the CATALYST component.
Incorporate the CATALYST component under mechanical stirring and mix for 1-2 minutes.

Application

Apply Resbuild MMA Flexgrip using short nap perlon, smooth lambswool rollers or squeegee at a nominal rate of 1-2kg/m². On porous or open surfaces a second coat may be required.

Equipment Cleaning

Clean equipment with Resbuild MMA Toolclean immediately after use.

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 Flexgrip 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 10m² at a rate of 1kg/m².

Limitations

Do not apply to unprimed concrete (Unless using Concrete Grade)

Do not apply to damp substrates.

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

Health and Safety

Resbuild MMA Flexgrip 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 Flexgrip 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).