

DESCRIPTION

RMS MMA Flex-Fill is a fast curing, flexible, two component methacrylate resin mortar, designed for rapid and permanent repairs to asphalt and concrete surfaces, and grouting of cavities and manhole frames.

ADVANTAGES

- Flexible
- No priming on Asphalt surfaces
- Fast curing, even at low temperatures
- Impact and abrasion resistant
- Frost resistant and impervious to water
- Excellent mechanical properties

TYPICAL USES

- Flexible repairs to concrete
- Repairs to Asphalt & Tarmac surfaces
- Grouting of manhole frames

TECHNICAL DATA

Specific gravity:	2.0
Pot life 20°C:	15 Minutes
Touch dry 20°C:	1 Hour
Hard dry 20°C:	2 Hours
Compressive strength:	30MPa @ 2 hours
Colour:	Dark Grey

APPLICATION CONDITIONS

Allow Asphalt & Tarmac to weather for a minimum of 4 weeks. Do not apply to wet or uncured concrete surfaces.

SURFACE PREPARATION

Asphalt & Tarmac surfaces should be dry, clean and dust-free.

On Concrete remove all laitance, spalled concrete, grease, oil, dust, and other contaminants by scabbling, bush hammering, or other mechanical treatment, to provide a sound clean substrate.

PRIMING

No primer required for Asphalt & Tarmac surfaces.

Concrete surface shall be primed by the application of RMS MMA Primer. The mixed RMS MMA Primer should be applied by brush or roller at a nominal rate of 0.3kg/m², depending upon surface profile. Allow the primer to cure until tack-free, typically a minimum of 40 minutes.

MIXING

RMS MMA Flex-Fill is supplied as a two-component product consisting of the BASE component, and the FILLER/CATALYST component.

The contents of the BASE and FILLER/CATALYST component should be thoroughly mixed together for 1-2 minutes, until a uniform consistency is achieved.

Mix using a low-speed drill stirrer.

APPLICATION

RMS MMA Flex-Fill shall be poured into the repair and trowel finished. The material should not be feather edged. Minimum application thickness is 5mm.

BULKING

For application thicknesses between 30mm – 80mm the product should be bulked out with 3-5mm quartz gravel at a rate of 5kg bulking aggregate per 18kg pack.

Greater thicknesses should be built up in layers.

EQUIPMENT CLEANING

Clean equipment with RMS MMA Toolclean immediately after use.

CURING

Allow a minimum cure time of 1 hour @ 20°C prior to foot trafficking and 2 hours @ 20°C prior to full trafficking.

STORAGE & 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. RMS MMA Flex-Fill has a minimum shelf life of 6 months when stored in original, unopened containers in accordance with manufacturer's instructions.

COVERAGE

18kg pack yields 9 litres of mortar, sufficient for 0.9m² @ 10mm thickness. The 23Kg of bulked material will yield 11 litres.



HEALTH & SAFETY

RMS MMA Flex-Fill 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.

RMS MMA Flex-Fill 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.

DOCUMENT VERSION

VERSION 2

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