

## DESCRIPTION

RMS StepGrip has been developed to provide a durable lining material for application to concrete substrates.

The material is supplied as a THREE pack system, comprising pre-weighed amounts of BASE and CURING AGENT. After mixing together, this is applied by roller to the substrate and the Anti slip aggregate added, this is the backrolled in to form an anti slip finish.

## TYPICAL USES

Anti Slip finish for concrete and steel steps and landings.

## ADVANTAGES

- Solvent free, low odour
- Very good chemical resistance
- Excellent adhesion to concrete and steel
- High build
- Tough and durable
- Easily applied
- Hygienic and easily cleaned
- Fast Curing

## TYPICAL PROPERTIES

Pot life @ 20°C: 20 Minutes

Pot life @ 10°C: 40 Minutes

Colours: Safety Yellow and White

Tack Free Time @20°C: 2 hours

Hard Dry Time @ 20°C: 5 hours

Full Chemical Resistance @20C: 7 days

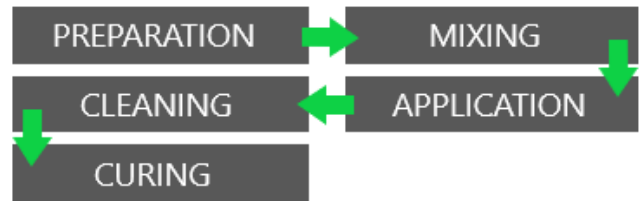
Coverage: 0.40-0.80kg/m<sup>2</sup>

Adhesive strength to Concrete: 3.9MPa (concrete failure)

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

Specific advice will be provided by our Technical Department.

## PROCEDURE



## SURFACE PREPARATION

a) 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. RMS Floor Doctor. Existing coatings shall be sound & free from contaminants. Suitable mechanical treatment such as abrading or very light grinding is the preferred treatment prior to application as this ensures a mechanical “key” for the coating.

## MIXING

Pour the contents of the CURING AGENT container into the BASE container and thoroughly mix, preferably by mechanical means until a uniform colour is achieved. A paddle attachment is available from the website which will fit most drills; a slow speed drill is recommended.

Make sure all your preparation and masking is completed before mixing. Once mixed you have around 15/20 minutes application time before it will start to gel, do not apply once it has started to gel.

**Once mixed, ensure the product is either transferred straight into a scuttle or directly to the floor to reduce the speed of the exothermic reaction.**

### APPLICATION

Apply by brush or short piled roller (see the line marking rollers on the website) at a nominal rate of 0.30-0.60kg/m<sup>2</sup> when the area has been covered apply by hand scatter the aggregate and back roll with more material (one 6.5 kg unit will cover approx. 40/80 linear metres at 50mm wide or 2.5– 5.0 m<sup>2</sup> of surface area)

### EQUIPMENT CLEANING

Clean equipment with RMS Toolclean prior to curing of the coating

### CURING

Allow to cure for a minimum of 5 hours @ 20°C prior to light foot traffic access and 10 hours @ 20° prior to vehicular trafficking. 7 days cure @ 20°C is recommended prior to exposure to chemicals.

### STORAGE & SHELF LIFE

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions. RMS StepGrip has a minimum of 12 months shelf life when stored in original, unopened containers in accordance with manufacturers instructions.

### COVERAGE

A 8.5kg pack is sufficient to coat 2.5– 5.5 m<sup>2</sup> of surface or 40/80 linear metres at 50 mm wide.

### LIMITATIONS

Do not apply to wet or uncured concrete surfaces. Do not apply at temperatures of 3°C or less.

### HEALTH & SAFETY

Wear gloves and goggles.

Wash off splashes immediately with soap and water  
Please refer to Material Safety Data Sheet for additional information.

RMS StepGrip shall be applied strictly in accordance with the manufacturer's instructions.

### DOCUMENT VERSION

**VERSION: 2**

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