

### DESCRIPTION

RMS Griplite is supplied in composite packs, each containing sufficient material to provide a slip-resistant Epoxy finish. RMS Griplite is applied in a single coat operation which reduces the curing period of the system prior to trafficking. Apart from the excellent slip resistance characteristics, the coating system has very good abrasion and chemical resistant properties. The slip resistant aggregate is a special very hard mineral aggregate.

### TYPICAL USES

As a slip resistant protective coating for concrete, metal, and wood surfaces

### ADVANTAGES

- Solvent free, low odour
- Excellent slip resistance
- Tough and durable
- Easily applied.
- Hygienic and easily cleaned.
- Good chemical resistance

### TYPICAL PROPERTIES

Pot life @ 20C: 30 Minutes  
Colours: See website  
Tack Free Time @20C: 3 hours  
Hard Dry Time @ 20C: 6 hours  
Full Chemical Resistance @20C: 7 days  
Adhesive strength to concrete: 3.7MPa.(concrete failure)  
Chemical resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, and inorganic salts.  
Mohs Hardness of Aggregate: 9

### PROCEDURE



### 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. Smooth concrete, or concrete with soft laitance, shall be mechanically treated by diamond grinding or grit blasting to provide a clean profiled surface. Should this not be practicable then acid etching, although less preferable, is also an option.
- Metal surfaces shall be power wire brushed to remove any rust and loose or flaking material. Grit blasting is recommended, where practical, for optimum performance. RMS Steel Primer should be carried out immediately after preparation and when cured RMS Griplite applied
- Wood surfaces shall be sanded to a smooth finish, and all previous coating removed. Previously untreated wood shall be sealed with a coat of RMS Florprime.

### MIXING

Pour the contents of the CURING AGENT container into the BASE container and thoroughly mix, preferably by mechanical means until a uniform colour and consistency is achieved. Add the supplied 250 grams of texturing additive to the mixed liquid. Use immediately. **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.**

# PRODUCT DATA SHEET

## | GRIPLITE



### APPLICATION

Pour the mixed liquid components into a shallow roller tray. Apply by medium pile roller (not foam), see accessories on website.

### EQUIPMENT CLEANING

It is impracticable to clean rollers after use. Clean mixing equipment with RMS Tool clean prior to curing of the coating..

### CURING

Allow to cure for a minimum of 8 hours @ 20°C prior to light foot traffic access. Curing at lower temperatures will extend this period, whereas curing at higher temperatures will allow faster access.

### STORAGE & SHELF LIFE

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions.

RMS Griplite has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

### COVERAGE

Between 10/20m<sup>2</sup> per pack depending on substrate.

### 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 Griplite shall be applied strictly in accordance with the manufacturer's instructions.

### DOCUMENT VERSION

**VERSION: 2**

**DATED: 07/06/2021**

The information provided in this Product Data Sheet is intended for general guidance only and is given in good faith based on RM Suppliers' 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).  
RM Suppliers Ltd, 38 High Steet North, Langley Moor, Co. Durham. DH7 8JG **TEL: 0191 389 7067** **EMAIL: [technical@rmsuppliers.com](mailto:technical@rmsuppliers.com)**