

Description

Reprotec Griplite is supplied in composite packs, each containing sufficient material to provide a slip-resistant Epoxy finish. Reprotec 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 consists of graded Silica.

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

Packaging

Reprotec Griplite is supplied in 5 Kgs packs + supplied 250 grammes of texturing additive

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. 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.
- b) 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. Reprotec Steel Primer should be carried out immediately after preparation and when cured Reprotec Griplite applied
- c) Wood surfaces shall be sanded to a smooth finish, and all previous coating removed. Previously untreated wood shall be sealed with a coat of Reprotec 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.

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 Reprotec Toolclean 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.

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Storage and Shelf Life

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

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

Coverage

Between 10/20m² 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 and Safety

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

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