

GRIPFAST TECHNICAL INFORMATION

Description

Gripfast is supplied in composite packs, each containing sufficient material to provide a slip-resistant Epoxy coating system for 5 square metres of surface. Gripfast 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 Silicon Carbide.

Typical Uses

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

Advantages

- * Solvent free, low odour
- * Excellent slip resistance
- * Easy to apply
- * Hygienic and easily cleaned
- * Tough and durable

Typical Properties

Colours: Light grey, mid-grey, red, green or other to order
Pack size: '5 Square Metres'
Pot life: 40 minutes @ 20C
Tack free time: 6 hours @ 20C
Hard dry time: 14 hours @ 20C
Full chemical resistance: 7 days @ 20C
Adhesion to concrete: 3.7MPa (concrete failure)
Chemical resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, inorganic salts.
Specific advice can be provided by our Technical Section.
Mohs Hardness of Aggregate: 9.5

PROCEDURE

I. Surface Preparation

a) Concrete shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%. The concrete shall be free from dust, laitance, grease, oil and any previous coatings. Smooth concrete, or concrete with soft laitance, shall be acid etched with a proprietary solution, and the area rinsed with clean water and allowed to dry.

b) Metal Surfaces surfaces shall be wire brushed or power disced to remove any rust and loose or flaking material. Grit blasting is recommended, where practical, for optimum performance. Coating application should be carried out immediately after preparation.

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 WB Primer.

2. Mixing

Pour the contents of the CURING AGENT container into that of the BASE component and thoroughly mix, preferably by mechanical means until a uniform colour and consistency is achieved.

3. Application

Pour the mixed liquid components into a shallow roller tray. Apply by medium pile roller (not foam), to a measured 5 square metres. Immediately, scatter the AGGREGATE uniformly onto the wet coating and 'back roller to cover and encapsulate the AGGREGATE.

NOTE: although sufficient Aggregate is supplied to allow a full scatter, a lighter scatter may be made as required.

4. Equipment Cleaning

It is impracticable to clean rollers after use.

Clean mixing equipment with Toolclean prior to curing of the coating.

5. Curing

Allow to cure for a minimum of 16 hours @ 20C prior to trafficking.

Curing at lower temperatures will extend this period, whereas curing at higher temperatures will allow faster access.

6. Packaging

Gripfast is supplied in '5 Square Metre' packs.

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7. Storage and Shelf Life

Store in dry conditions at temperatures between 10C and 25C.

Do not expose to freezing conditions.

Gripfast has a minimum shelf life of 12 months when stored in the original, unopened containers in accordance with the manufacturers instructions.

8. Limitations

Do not apply to wet or uncured concrete.

Do not apply at temperatures of 3C or less.

Wear gloves and safety spectacles.

Wash off splashes immediately with soap and water.

Please refer to Material Safety Data Sheet for additional information.

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