

DESCRIPTION

Reprotec MaxiGrip is a tough two pack solvent free high build modified epoxy resin finish which is applied in a single coat operation, The MaxiGrip resin is applied by trowel or roller at 5m² per pack - the Aluminium oxide is broadcast onto the wet resin at a rate of 3 kilos per m² this is then allowed to cure and any excess aggregate swept off - You will now have an area of maximum anti slip.

TYPICAL USES

As a Total anti slip solution for areas that need the maximum anti slip or anti-skid finish. Areas like fork truck entrances, external stair landings, concrete ramps, bridge decking's, metal decking, Durbar® plate and walkways.

ADVANTAGES

- Solvent free, low odour
- Total Anti Slip
- Tough and durable
- Easily applied.
- Good chemical resistance

TYPICAL PROPERTIES

Pot life @ 20°C: 60 Minutes

Colours: see website

Minimum overcoating interval: 12 hours @ 20°C

Maximum overcoating interval: 48 hours @ 20°C

Tensile strength: 9MPa (7 days cure @ 20°C)

Elongation at break: 85% @ 20°C

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

PROCEDURE



SURFACE PREPARATION

a) All surfaces should be sound, clean, and free from dust, dirt, laitance, oil and other contaminants. All laitance should be removed by vacuum shot blasting, ensuring that any residual dust is removed prior to coating application. New concrete surfaces must be a minimum of 21 days old and/or have a residual moisture content below 6%. (Can be reduced to 10 days if Reprotec Dampstop is used). Steel substrates should if possible be grit blasted to Sa2.5 Swedish standard.

PRIMING

A primer coat of Reprotec Florprime is recommended on poor concrete substrates.

Apply the Reprotec Florprime at a nominal rate of 0.2kg per m² in accordance with the product data sheet instructions. Allow the milky colour of the primer to disappear before overcoating. This will typically be between 3-4 hours, depending on temperature and ventilation conditions.

A primer coat of Reprotec Steel Primer is recommended on steel substrates. Please refer to Reprotec Steel Primer product data sheet for additional information.

MIXING

Pour the contents of the CURING AGENT container into the BASE container and thoroughly mix, preferably by mechanical means, (see paddle attachment on website) until a uniform colour is achieved.

APPLICATION

Apply by trowel or roller at a nominal rate of 1kg/m² . Whilst the material is still wet broadcast the aluminium oxide at a rate of 3Kilos per m2. Allow to cure, when cured sweep of the excess aggregate. You will now have a fully blinded anti slip surface.

EQUIPMENT CLEANING

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

CURING

Allow to cure for a minimum of 24 hours @ 20°C prior to light foot traffic access and 48 hours @ 20°C prior to vehicular trafficking.

7 days cure @ 20°C is recommended prior to exposure to chemicals.

STORAGE & SHELF LIFE

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C.

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

COVERAGE

A 20kg pack is sufficient to coat 5m² of surface

LIMITATIONS

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

HEALTH & SAFETY

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.

Reprotect MaxiGrip shall be applied strictly in accordance with the manufacturer's instructions.

DOCUMENT VERSION

VERSION: 2

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