EPOXY TOPCOAT SL

HEAVY DUTY, SELF-LEVELLING, SOLVENT FREE

General description

Heavy Duty Epoxy Topcoat SL is designed to serve as a self-levelling flooring system for walkways, food processing plants, hospitals, schools, garages, factories, wineries and other areas where a very smooth, abrasion resistant floor is required. The system also imparts colour stability, high gloss and chemical resistance. When applied to the manufacturers specifications floors coated with Epoxy Topcoat SL will be non-porous and waterproof.

Composition

Epoxy Topcoat SL is a two-component flooring system with a 100% solids volume and consists of the pigmented Epoxy Topcoat Base and an Epoxy Topcoat Hardener. A graded aggregate Part C can be added for floors over 3mm in thickness.

Usage

For self-levelling applications 1 litre/m^2/mm needs to be applied. For the best self-levelling results a coating thickness of 2-4mm is recommended.

Colours

Available in a range of standard colours. Custom colours on request. Please contact us for specific colour requirements.

Curing times

Pot life:	32 minutes @ 25˚C for a 100g mix
Thin film set time:	6 hours @ 25˚C
Initial cure:	24 hours @ 25˚C
Full chemical cure:	7 days @ 25˚C

Cleaning

Clean all equipment immediately after use with Pac Chem Epoxy Thinners.

Preparation

New cement

The surface must be clean, level, dry and dust free. Prime green or damp concrete with DPM Primer.

Old cement

Use Primer 2828 as a quick setting primer on fully cured, dry substrates. DPM Primer can also be used on dry concrete and is the best option when dealing with badly prepared concrete floors. Thicker prime coats or scrapercoats may be necessary to achieve the necessary surface quality before applying the final self-levelling coat. Remove previous coatings by grinding, scarifying or other suitable method. Clean, abraded surfaces will ensure optimum adhesion of the primer and scrapercoat to the substrate. All oil and grease need to be removed with an industrial detergent. Rinse thoroughly and leave to dry. Repair any cracks, holes and other damaged areas with Epoxy Repair Kit. For the best results the substrate must be dry, sound and level before being primed and coated.

Mixing

Mix Part A - Base separately with a mechanical mixer in a suitable container. Add Part B - Hardener while mixing for 2-3 minutes. Then add Part C slowly until the material is homogenous and pourable. Take care not to mix too much air into the product. Mix complete kits only.

Application

Apply by steel trowel, pin leveller, floor spreader or other suitable applicator. Spike roll the coating immediately after application to remove any bubbles that may form on the surface.

Technical Assistance

Each floor should be assessed individually regarding chemical resistance and physical requirements. Our Service Department is always at your disposal.

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