



EPOXY TOPCOAT

HEAVY DUTY, HIGH BUILD, SOLVENT FREE

General description

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

Composition

Epoxy Topcoat is a two-component flooring system with a 100% solids volume and consists of the pigmented Epoxy Topcoat Base and an Epoxy Topcoat Hardener.

Usage

For roller applications apply to 4-5 m²/litre per coat. At this usage level each coat has a thickness of 200-250 micron. Two coats are generally recommended giving a thickness of 400-500 micron. Thicker coats are also possible.

Colours

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

Curing times

Pot life:	45 minutes @ 25°C for a 100g mix
Thin film set time:	7 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 Barriera as a primer for very dense concrete or 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.

Remove previous coatings by grinding, scarifying or other suitable method. Clean, abraded surfaces will ensure optimum adhesion of any primer 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 until homogenous. Take care not to mix too much air into the product. Mix complete kits only.

Application

Apply by brush or short hair mohair roller. Thicker coats can be applied by steel trowel, pin leveller or other suitable applicator.

Technical Assistance

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