



Product Name

Epoxy SX5

Technical Name

A high performance, high build, two pack solvent free epoxy amine coating system

Key Properties

- Low viscosity for ease of application
- Provides a smooth finish easily cleanable
- Scratch resistant
- Supplied as a 3 component system; Base + Hardener + Quartz filler
- Resistant to splashes of chemicals
- Resistant to highly aggressive conditions & traffic
- Outstanding durability

Recommended Uses

Heavy traffic flooring systems

Type of Substrate

Concrete...

Finish

Full gloss

Coverage

Dependant on filler ratio (Binder:filler)

Drying Time

Open to foot traffic (layer thickness 6mm)
 at 10C 72-84hours
 at 20C 30-36hours
 at 30C 18-24hours

Pot life (5kg)
 at 10C 100minutes
 at 20C 60minutes
 at 30C 30minutes

Thinner

No thinning required

Preparation

All surfaces to be painted should be clean, dry and free from loose & flaking material. Rub down & apply Epoxy SX1 sealer to close the pores on the concrete surface.

Small amounts of quartz sand (0,5 to 0,8mm) can be sprinkled onto the fresh applied primer for good interlayer adhesion.

Instructions

Premix base and hardener components and afterwards add the quartz sand part.

A slow mixer should be used to minimise air inclusion. The ratio of binder to quartz should be 1:1 up to 1:3.

The mixture is poured into the surface and applied with a toothed spatula (teeth 5mm long, 3mm wide and 10mm apart) followed by a spiked roller to eliminate air inclusion.

Cleaning

Clean equipment immediately after use with Super thinner & rinse thoroughly.

Do not empty product into drains or watercourses.

Additional Info

Product batches are tested using a quality control system.

Oxford epoxy SX5 is formulated using the latest epoxy manufacturing technology

- Compressive strength (ISO 604) after 10days at 20C = N/mm² 65
- Elastic module tension after 10days at 20C = N/mm² 9200
- Flexural strength (ISO 178) after 10days at 20C = 24
- Coeff. of linear thermal expansion (DIN 53752) after 10 days at 20C X10(-5)/C = 49
 In the range of 20-45C

Pack Size

- 3 components:
 (7.820Kgs) base
 (3.4kgs) hardener
 (33kgs) Quartz mixture

Transportation & Storage

Care should be taken to avoid spillage. Protect from frost & humidity.

The information submitted in this manual is correct to the best of our knowledge & experience. No liability whatsoever can be accepted on the basis of the information supplied herein.

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