

MAK EPOXY GEL

Solvent Free Epoxy Gel Coat



Product Description

Mak Epoxy Gel is a solvent less, thixo-tropic, two component epoxy based gel coat recommended as sealing coat to cover up the porosities of the screed layers before applying self levelling finishes.

Advantages

- ◆ Excellent adhesion on screeds.
- ◆ Solvent free.
- ◆ Thixotropic.
- ◆ Excellent bond to epoxy and PU top coats.

Storage

The product should be stored in accordance with national regulations. It should be kept in a cool, well ventilated area, away from heat, direct sunlight, sparks and children.

Packing

Mak Epoxy Gel is available in 5 and 20 litre packs and has a maximum shelf life of 12 months in the un-opened containers.

Primary Use

Mak Epoxy Gel is used as a pore-filling sealer coat before the application of epoxy or EPU self levelling floor toppings.

Directions for Use

Before primer application, CDS (Clean, Dry and Sound) test is conducted on the concrete. Moisture test is conducted by moisture meter or plastic sheet method (ASTM D4263 : Standard test method for indicating moisture in concrete). The residual moisture should not be more than 4-5%. Surface preparation like scarification, grinding or shot blasting is done to achieve a surface profile of 150-200 microns and then the primer and the self levelling screed is applied and allowed to cure hard dry. Mix Mak Epoxy Gel resin and hardener in equal proportions by weight. Agitate the mixture for 10 minutes.

Apply by putty blade over the surface evenly. Allow to cure for 5-6 hours. This surface is now ready to receive top coat.

Technical Specifications

Type	Epoxy-polyamide
Mixing ratio (R:H)	1 : 1 by volume
Finish	Clear glossy
Appearance	Transparent
Pot life @ 27oC	≥ 45 min
Volume Solids	100 %
Recommended WFT/DFT	200 microns
Surface Dry Time	≥ 3 hrs
Tack free dry	≥ 8 hrs
Hard dry	≥ 24 hrs
Theoretical coverage	5 sq m / litre / coat @ 200 microns
Application	By putty blade
Recommended thinner clean up	PUT 502
Shelf Life	12 months in unopened container

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