AC 130®
2-C Epoxy Topcoat

Product description:

AC 130 is an solvent-free, highly pigmented 2-component reactive polymer with an epoxy resin base.

Application:

AC 130 is a sealing and varnishing material for cementitious surfaces such as concrete and cement screeds as well as for reactive resin-bound surfaces, primarily for surfaces exposed to mechanical and chemical stress such as grain stores, silo boards, sleeping areas, slatted floors, dirt plinths as well as in warehouses and workshops. When used as a topcoat, AC 130 is particularly suitable for use on AC 110 epoxy primer, AC 160 universal filler or on AC 192 renovation mortar, as the mechanical and chemical resistances are further optimised. Approximately 750 g/m² of the AC 130 epoxy topcoat must be applied for topcoats on gritted surfaces (slip resistance).

Properties:

AC 130 produces topcoats that are characterised by high curing flexibility and abrasion resistance as well as high chemical resistance.

Once fully cured, AC 130 is resistant to water, seawater and waste water, as well as to a wide range of alkalis, dilute acids, saline solutions, mineral oils, lubricants and fuels, as well as many solvents.

Some colour change can be expected when exposed to UV light on account of the binder. This does not affect the technical properties of AC 130.

Before applying AC 130, make sure to read and observe the "General Technical Information/Safety Instructions for Reactive Resins" supplied with the product!

Other information: GISCODE: RE30 (epoxy resin products, sensitising, totally solid)

The product is physiologically harmless after it has completely cured.

CE mark:

DIN EN 13813 "Screed material and floor screeds - Screed materials - Properties and requirements" (Jan. 2003) sets out the requirements for screed materials used for the construction of indoor floors. Polymer coatings and sealants are also covered by this standard. Products that comply with the above standard must be CE marked.

Technical data:

Colour shade	: grey
Mixing ratio	: 4 : 1
Density at 25 °C	: 1.5 - 1.7 g/cm³
Viscosity at 25 °C - comp. A	: approx. 8,500 - 9,200 mPas.
Viscosity at 25 °C - comp. B	: approx. 200 - 250 mPas.
Application time at 10 °C	: approx. 40 - 45 minutes
Application time at 20 °C	: approx. 20 - 25 minutes
Application time at 30 °C	: approx. 10 - 15 minutes
Can be recoated at 10 °C	: after 24 - 36 hours
Can be recoated at 20 °C	: after 10 - 20 hours
100% cured	: after 7 days (20 °C)
Minimum working temperature	: 10 °C on the surface
Material consumption	: min. 300 g/m² depending on the surface
Container sizes	: 2.25 kg (comp. A: 1.800 kg, comp. B: 0.450 kg) 4.50 kg (comp. A: 3.6 kg, comp. B: 0.9 kg) 10.00 kg (comp. A: 8 kg, comp. B: 2 kg)
Storage	: Cool and dry, but frost-free Approx. 1 year in unopened original container
Solid body content	: 100%
Tensile bond strength	: large concrete rubble

The publication of this leaflet renders all previous leaflets invalid.