

AC 113®

2-C Epoxy Floor / Feeding Table Coating

Product description:

AC 113 is an solvent-free, unfilled and pigmented 2-component reactive polymer with an epoxy resin base.

Application:

AC 113 is designed as a primer and levelling compound in a one for use on porous, uneven, sharp-edged cementitious surfaces such as concrete and cement screeds, especially on mechanically and/or chemically stressed surfaces, e.g. for stable floors or as a levelling coating on feeding tables. Always clean the surface to be coated with AGROCOLOR AC 600 special cleaner beforehand.

AC 113 has fulfilled its purpose if, after curing, a uniform, even surface is formed; if this is not the case, it was not thick enough. If in doubt about the thickness, we recommend preparing sample surfaces for critical substrates.

Mix component A (resin) with component B (hardener) according to the application instructions to form a reactive resin. **Immediately pour the finished levelling compound over the surface you wish to coat and spread it evenly with the AC 506 notched trowel within the application time.**

AC 113 can be subjected to loads after 48 hours at 20 °C!

Properties:

AC 113 provides priming and levelling coatings that are highly resistant to abrasion and chemicals.

AC 113 offers excellent adhesion to the surface thanks to its binder content. AC 113 is self-levelling and can be used to level out uneven surfaces, ensuring that porous substrates are reliably sealed.

Once fully cured, AC 113 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 113.

Before applying AC 113, 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	: green, grey, blue
Mixing ratio	: 6 : 1
Density at 23 °C	: 1.8 - 2.0 g/cm ³
Viscosity at 25 °C, comp. B	: approx. 150 - 250 mPas.
Viscosity at 25 °C, comp. A	: approx. 30,000 - 40,000 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 15 - 30 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	: 3,330 kg/m ² - appr ox. depending on the surface roughness
Container sizes	: 10.0 kg (comp. A: 8.570 kg, comp. B: 1.430 kg)
Storage	: Cool and dry, but frost-free, ap 1 year in unopened original container pro x.
Solid body content	: 100%
Tensile bond strength	: concrete rubble

We reserve the right to make technical changes in the course of further development. This technical data sheet is only intended to provide non-binding advice. As the application and handling of this product is beyond our control and the various types of surfaces and stresses may have an influence on the choice of application method, our advice, whether given verbally, in writing or by means of trials, does not exempt the user from having to test the suitability of our building material for the intended purpose. This also applies to the protection of third party property rights as well as to applications and methods which are not expressly specified by us in writing.

The publication of this leaflet renders all previous leaflets invalid.