

AC 150®

2-K epoxy protective coating (viscoplastic)

Product description:

AC 150 is a pre-filled, pigmented 2-component reaction plastic based on epoxy resin, blended with tar substitute substances.

Use:

C 150 is used for substrates such as asphalt, concrete, concrete with silo paint coatings or silo paint residues, e.g. silo floors, silo walls or dirt plinths, as well as on derusted iron and steel surfaces.

Properties:

AC 150 provides coatings that are highly resistant to abrasion and chemicals, and have high viscoplasticity. A two-layer application is required, with the first layer serving as a primer. Once fully cured, AC 150 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 may occur when exposed to UV light due to the nature of the binder. This does not affect the technical properties of AC 150.

Before applying AC 150, make sure to read and follow the "General Technical Information/Safety Instructions for Reactive Resins" supplied with the product!

Other information:

GISCODE RE30 (epoxy resin products, sensitising, total solid)
The product is physiologically harmless after complete curing.

CE marking:

DIN EN 1504-2:2004

Tools:

short or medium-pile rollers, brushes, paint grids, etc. Iron and steel surfaces

Technical data:

hue	: black, approx. RAL 7032
Mixing ratio	: 7 : 1
Density at 23°C	: ca. 1,37 g/cm³
Viscosity at 25°C - Komp. A	: 5250 - 7880 mPas.
Viscosity at 25°C - Komp. B	: approx. 110 - 160 mPas.
Processing time at 10 °C*	: approx. 90 - 110 minutes
Processing time at 20 °C*	: approx. 45 - 55 minutes
Processing time at 30 °C*	: approx. 22 - 28 minutes
Overcoating time at 20 °C*	: at least 12 - 16 hours, max. 24 - 36 hours
Overcoating time at 30 °C*	: at least 6 - 8 hours, max. 13 - 14 hours
100% hardened at 20°C	: 7 days
Processing temperature	: Mind. 10 °C, max. 30 °C
Material consumption:	
Iron and steel surfaces	: approx. 300 g/m² per layer
asphalt	: ca. 300 - 400 g/m² per layer
concrete	: ca. 300 - 400 g/m² per layer
A two-layer application is required, with the first layer acting as a primer.	
Container sizes	: 10,0 kg (Komp. A: 8,75 kg, Komp. B: 1,25 kg)
storage	: Cool and dry, but frost-free
	: approx. 1 year in the unopened original container
Solids content	: 100 %
Adhesive tensile strength	: major concrete fracture

* 50% relative humidity

We reserve the right to make technical changes in the course of further development. This technical data sheet can and should only provide non-binding advice. Since the use and processing of this product is beyond our control and the various substrates and stresses can have an influence on the choice of working method, our advice in word, writing and through tests does not exempt the processor from testing our building material themselves to determine its suitability for the intended purposes. This also applies to the protection of third-party intellectual property rights, as well as to applications and procedures that are not expressly stated by us in writing.

With the publication of this leaflet, all previous leaflets lose their validity.