

# AC 122

## Two-component epoxy coating for silo walls/splash zones – primer and sealing coat in one

### Product description:

AC 122 is a solvent-free, two-component epoxy resin, highly pigmented. Primer and sealing coat in one product.

### Application:

AC 122 is used as a coating for silo walls and in splash zone areas. Primer and sealing in a single step.

### Floor coatings should be avoided.

The surface to be coated must always be pretreated with AC 600 Special Cleaner.

### Properties:

AC 122 is characterized by high resistance to abrasion and chemicals. Difficult, absorbent, and rough substrates must be primed with AC 115 Flex (approx. 300 g/m<sup>2</sup>). When applying AC 122 to standard substrates, priming is not necessary due to its high adhesion and penetration properties.

Apply a primer coat of AC 115 Flex (approx. 300 g/m<sup>2</sup>) to difficult, absorbent, and rough substrates. No primer coat is necessary when applying AC 122 to standard substrates.

AC 122 can also be used on difficult cement-based surfaces. Once cured, AC 122 is resistant to water, seawater, and wastewater, as well as to many cleaning agents, diluted acids, saline solutions, mineral oils, lubricants and fuels, and many solvents. UV exposure may cause some discoloration due to the binder. This does not affect the technical properties of AC 122.

**Before using AC 122, it is essential to read and follow the "General Technical Notes / Safety Instructions for Reactive Resins" provided with the product.**

**Additional Notes:** GISCODE: RE30 (epoxy resin-based products, sensitizing, fully solid)

**Once fully cured, the product is harmless to health.**

### CE marking:

DIN EN 13813 "Screed mortar, screed material, and screeds – Properties and requirements" (January 2003) defines the requirements for screed mortars used for flooring construction. Synthetic resin coatings and sealers also fall under this standard. Products that comply with this standard must bear the CE marking.

### Technical specifications:

Color	Ca. RAL 5010, ca. RAL 7046
Mixing ratio	5:1
Density at 23 °C	1,5 - 1,7 g/cm <sup>3</sup>
Viscosity at 25 °C - Comp. A	ca. 8.500 - 9.200 mPas.
Viscosity at 25 °C - Comp. B	ca. 200 - 250 mPas.
Pot life at 10 °C	ca. 40 - 45 minutes
Pot life at 20 °C	ca. 20 -25 minutes
Pot life at 30 °C	ca. 10 - 15 minutes
Recoatable at 10 °C	after 15 - 30 hours
Recoatable at 20 °C	after 10 - 20 hours
100% cure	after 7 days (20 °C)
Minimum application temperature	10 °C on the substrate
Product consumption	mind.400 g/m <sup>2</sup> depending on substrate
Container sizes	10,0 kg (Comp. A: 8,33 kg, Comp. B: 1,67 kg)
Storage	Cool and dry, but frost-free about 1 year in the closed original container
Solids content	100%
Adhesion	larger concrete breakage

We reserve the right to make technical changes during further development. This technical data sheet can and should only be used as non-binding advice. Since the application and processing of this product is beyond our control and the various substrates and stresses can influence the choice of working method, our advice in word, writing and through trials does not exempt the processor from testing our building material themselves for its suitability for the intended purposes. This also applies to the protection of third-party property rights and to applications and processes that are not expressly specified by us in writing.

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