

AC 160®

2-C Epoxy Universal Filler

Product description:

AC 160 is an solvent-free, pigmented 2-component reactive polymer with an epoxy resin base.

Application:

Suitable for filling and reprofiling all solid surfaces for floor, wall and ceiling work, e.g. concrete, screed, concrete with steel connections, wood etc., concrete settlement cracks, joint levelling, roughness levelling, spalling, minor damage to horse and livestock trailers, and trailer floors.

Always clean the surface to be renovated with AC 600 special cleaner beforehand.

Application instructions:

Separate the two insertable containers from each other and open them. Add all of component B (black-brown, small container) to component A (grey-white, large container) with a trowel. Mix the two components thoroughly. Agitate mechanically at a maximum of 300 rpm (slow-running drill with small paddle inserted) and make sure to stir thoroughly along the bottom and sides.

Stir until the mixture is homogeneous (free of streaks) and has a uniform colour. Mixing time approx. 3 min. Apply the finished filler mixture to the surface you wish to fill using a mason's trowel, smoothing trowel or similar and work immediately. Clean the trowels against each other between the working steps.

Properties:

AC 160 is user-friendly, ready-formulated and cures without shrinkage.

Its expansion coefficient, which is almost the same as that of concrete, and its very good adhesion to surfaces make AC 160 an excellent material for renovation, repair and filling work.

AC 160 is particularly suitable for use under chemical and mechanical loads on account of its special formulation.

Once fully cured and well compacted, AC 160 is liquid-tight and thus particularly 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 160.

Before applying AC 160, 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; (component A: grey-white; component B: black-brown)
Mixing ratio	: 1: 1
Density at 23 °C	: 1.25 g/cm ³
Consistency at 23 °C	: Paste
Viscosity at 23 °C	: Paste
Application time at 20 °C	: approx. 20 - 25 minutes
Application time at 30 °C	: approx. 10 - 15 minutes
Can be recoated at 20 °C	: after 12 - 16 hours
100% cured	: after 7 days (20 °C)
Minimum working temperature	: 10 °C on the surface
Storage	: Cool and dry, but frost-free : approx. 1 year in unopened original container
Material consumption Container sizes	: 1.25 kg/m ² /mm depending on the surface roughness
Solid body content:	: 5 kg (comp. A: 2.5 kg, comp. B: 2.5 kg)
Tensile bond strength	: 100% : 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.