

AC 192®

2-C Epoxy Renovation Mortar

Product description:

AC 192 is an solvent-free, premixed 2-component reactive polymer with an epoxy resin base.

Application:

For general reprofiling and renovation of cementitious surfaces in the agricultural sector, in workshops and warehouses, as well as in areas exposed to chemical and mechanical loads, e.g. around automatic feeders, on sleeping areas and for small-scale floor renovation.

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

Application instructions:

Open the container and remove component B, then transfer component A into a 65 L feed drum and break up with a trowel. Pour component B evenly over component A and mix thoroughly with a large stirring paddle (approx. 4 minutes). Then spread the finished renovation mortar mixture onto the surface you wish to coat to the desired thickness using a trowel and pat it in place. Check that the renovation mortar mixture is evenly distributed.

Press down and pull lightly with the smoothing trowel to compact the renovation mortar mixture and ensure an even surface. Clean the trowel several times with water between the working steps.

Properties:

AC 192 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 192 an excellent material for renovation, repair and filling work.

AC 192 is particularly suitable for use under chemical and mechanical loads on account of its special formulation.

Once fully cured and well compacted, AC 192 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 192.

Before applying AC 192, 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	: natural colours
Mixing ratio	: 100 : 3,6
Density at 25 °C	: 2.05 g/cm³
Consistency at 25 °C - comp. A	: Mortar
Viscosity at 25 °C - comp. B	: 250 - 300 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 20 - 30 hours
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
Material consumption	: 2.0 kg/m²/mm depending on the surface roughness
Container sizes	: 25.0 kg (comp. A: 24.1 kg, comp. B: 0.9 kg)
Storage	: Cool and dry, but frost-free Approx. 1 year in unopened original container
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.