

**QC EP-BINDER 030/A+B**

28/9/2023

**PRODUCT DESCRIPTION**

QC EP-BINDER 030/A+B is a low-viscosity epoxy binder with a low degree of yellowing. This solvent-free, pigment-free, 2-component epoxy-system consists of an epoxy resin with accompanying hardener and is used as binding product for decorative epoxy floors. It is free of nonylphenol and anti-allergic.

The binder is specially formulated to have very good loading properties, which means more square meters per day with less energy. The shear thinning characteristic improves the anti-sagging properties of the binder resulting in a product which can be used in both winter and summer with minimal sagging when applying. The combination of a high pot life and an acceptable drying time makes this a perfect all-around epoxy binder.

**APPLICATION**

QC EP-BINDER 030/A+B is an epoxy binding product that is particularly suited to indoor applications of decorative gravel floors.

**PROPERTIES**

A+B	
Colour	off-white semi transparent
Density at 20°C	component A: 1.02 kg/dm <sup>3</sup> component B: 0.99 kg/dm <sup>3</sup>
Viscosity	± 580 mPa.s
Solid-particle	100 vol.% (= 100 weight%)
Ignition point	component A: > 108°C component B: > 110°C
Mix ratio in weight	100 parts A + 53 parts B
Pot-life at 20°C	45 min.
Drying at 20 °C and 65% RV	treadable: after 18 hours Mechanically loadable: after 2 days Chemically loadable: after 7 days
Bonding strength	greater than concrete
Processing temperature	10°C - 30°C
Requirement for base	- sufficiently dry - free of loose particle, grease, dust, dirt... - not flexible or moving - water-tight - sufficiently tolerant to pressure / stretching
Dilution	not recommended
Cleaning	Cleaner EP - acetone - toluene
Usage	decorative quartz (2-3 mm) + 7 % mix A+B
Packaging	3,5kg, 7kg and 61,25kg sets
Storage	12 months (in sealed, original packaging, 10-25°C)

**PRODUCT IMPLEMENTATION**

For 3,5 kg and 7 kg packs, component A as well as component B have been added in advanced so the hardener can be added to the resin. For packaging in jerry cans or barrels, one must correctly add both components at a ratio of 100:53. Shake the B component for several seconds and mix for at least 3 minutes A+B using a drill with mixing spindle to obtain a homogenous mixture. It is advised to empty this mix into a second bucket and to thoroughly mix it again. After mixing, the binder can be added to the gravel/quartz (7% of the weight the gravel/quartz).

**SAFETY**

Always read the material safety datasheet of the product before use.

Sidec NV is not responsible for any mistakes on this sheet.

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