

EAA.05 / QC EP-BINDER 05

01/08/2017

PRODUCT DESCRIPTION

EAA.05 / QC EP-BINDER 05 is a low-viscosity, colourless epoxy binder with a very 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 nonylphenolfree and anti-allergetic.

Because of its specific composition EAA.05 / QC EP-BINDER 05 has very good loading properties, which means more square meters per day with less energy. There is also a slower version, EAA.05 / QC EP-BINDER 05, with a potlife of 40 minuten.

APPLICATION

EAA.05 / QC EP-BINDER 05 is an epoxy binding product that is particularly suited to indoor applications of decorative gravel floors.

	A+B
Colour	colourless - transparent
Density at 20°C	component A: 1.02 kg/dm ³ component B: 0.99 kg/dm ³
Viscosity	± 800 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 + 60 parts B
Pot-life at 20°C	± 60 min.
Drying at 20 °C and 65% RV	treadable: after 36 hours Mechanically loadable: after 3 days Chemically loadable: after 9 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) + 8 % mix A+B
Packaging	sets of 4 kg and 8 kg Jerry cans of 20 kg – barrels of 200kg
Storage	12 months (in sealed, original packaging, 10-25°C)

IMPLEMENTATION

For 4 kg and 8 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 100:63.26. Then, to realise a homogenous mix, one must mix for at least 3 minutes using a drill with mixingspindle. It is advised to empty this mix into a second bucket and to thoroughly mix it again.

One can now add the coloured gravel or sand and mix it using a suitable mixing machine (a mixing spindle can be used for small quantities, and one could use a slow-revolving drill with double mixing-arms or a processing mixer for large quantities).

SAFETY

Read always the material safety datasheet of the product.

