

**PRODUCT DESCRIPTION**

EAA.09 / QC EP-BINDER 09 EMISSIONFREE is an **emission free** 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.09 / QC EP-BINDER 09 EMISSIONFREE has very good loading properties, which means more square meters per day with less energy.



**APPLICATION**

EAA.09 / QC EP-BINDER 09 EMISSIONFREE is an epoxy binding product that is particularly suited to indoor applications of decorative gravel floors. EAA.09 / QC EP-BINDER 09 EMISSIONFREE can also be used as primer for concrete, screed, anhydrite, sand cement and wood, for both indoor and outdoor applications.

**PROPERTIES**

	<b>A+B</b>
Colour	colourless - transparent
Density at 20°C	component A: 1.02 kg/dm <sup>3</sup> component B: 0.99 kg/dm <sup>3</sup>
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 + 50 parts B
Pot-life at 20°C	± 40 min.
Drying at 20 °C and 65% RV	treadable: after 18hours 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	binder: decorative quartz (2-3 mm) + 8 % mix A+B primer: 0,250kg/m <sup>2</sup>
Packaging	sets of 4 kg and Set of Jerrycans (60kg)
Storage	12 months (in sealed, original packaging, 10-25°C)



## **APPLICATION AS BINDER**

For 4 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 100:50. 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).

## **APPLICATION AS RPIMER**

Measure the moisture of the concrete beforehand. It should not exceed 5%.

Weigh the necessary amount of A and B component or use weighed sets to avoid weighing errors.

Mix carefully and apply evenly with roller or brush. Consumption 200 to 400 g/m<sup>2</sup> depending on the porosity of the substrate.

For better adhesion of subsequent coats, scatter with fire-dried scatter sand.

## **SAFETY**

Read always the material safety datasheet of the product.

