

PRODUCT DESCRIPTION

EGC/A+B is a thixotropic epoxy sealing mass product. This solvent-free, pigment-free, 2-component epoxy-gel consists of an A/F epoxy resin with accompanying hardener.

USES

EGC/A+B is used as a finishing layer for epoxy mortar floors with a high mechanical and chemical resistance. Most of the pores are filled in after 1 layer, although it is recommended to apply 2 layers. Once the second layer has been applied, one achieves the so-called "orange peel" structure.

PROPERTIES

	A+B
Colour	± colourless - semi-transparent
Density at 20°C	1.09 kg/dm ³
Viscosity	thixotropic pasta
Solid-particle content	100 vol.% (= 100 weight%)
Ignition point	component A: > 100°C component B: > 100°C
Mix ratio in weight	100 parts A + 70 parts B
Pot-life at 20°C	± 20 min.
Drying at 20 °C and 65% RV	foot traffic: after 24 hours
Mechanically cured	after 2 days
Chemically cured	after 7 days
Processing temperature	10°C - 30°C
Substrate requirements	- sufficiently dry - free of loose particle, grease, dust, dirt... - not flexible or moving
Dilution	not recommended
Cleaning	Cleaner EP - acetone - toluene
Usage	on mortar First layer: 350 gr/m ² Second layer: 200gr/m ²
Packaging	sets of 4.86 kg
Storage	12 months (in sealed, original packaging, 10-25°C)

APPLICATION

In packs of 4,86 kg, both component A and component B have been added in advance (in the correct ratio) so it's simply possible to add the hardener to the resin. Then one must mix for at least 3 minutes using a drill with mixing-spindle, until a homogenous gel is achieved. One must make sure that little air is mixed into the epoxy-gel by amending the rotation speed of the drill!

One can then pour the mix systematically on to the epoxy mortar / shingle floor, when one spreads the gel over the floor surface using a rubber spreader. (Although the EPG/A+B is solvent-free, one must still ensure that the squeegee is of good quality in order to prevent black rubber stripes working their way into the gel).

10 minutes after the gel has been applied, one must roll over the surface once again, using a 2-component roller, to realise an even spread of the EPG.

One must repeat these 3 steps after approximately 2 hours. It's necessary to use nail shoes to get over the first layer. An other possibility is to wait for 24 hours to apply the seconde layer.

SAFETY

Read always the material safety datasheet of the product.

