

:: EPOXY BK A+B

Description:

Is a 2-component solvent-free and odourless epoxy resin for processing glass fibres, aramid fibres and carbon fibres. Can also be used as casting resin for e.g. electronic components.

Used where light and strong constructions are required. Cures without sticking to the surface.

Available in 0.5 kg, 1 kg, 5 kg and 30 kg packaging.

Application:

As a coating and casting compound on various substrates. Yellow-transparent laminating resin with thixotropic properties. As binder for fillers like aerocell, sand or quartz flour, and also for casting electronic compounds. Can be coloured with EP pigments (5%).

Can be used in aquariums and terrariums. Can withstand temperatures up to 80°C.

Data on delivery:

	<u>A-Comp</u>	<u>B-Comp</u>
Color:	colourless	colourless-yellow
Viscosity:	900-1100 mPas	700 mPas
Mass density:	approx. 1,15 gr/cm ³	approx. 1,0 gr/cm ³
Shelf life:	12 months in closed packaging	12 months in closed packaging
Consistency:	liquid	liquid

Technical data: (A + B)

Consumption:	400 gr/m ² as coating
Shore:	D80
compressive strength	70 N/mm ²
Tensile strength	19 N/mm ²
Bending strength	57 N/mm ²

Processing:

Mix the two components in a 100/60 weight ratio. Potlife: 40 min. at 23°C. Dry after 24 hours. Waiting time between coats: 40-60 min. Processing temperature: 15-25°C. Fully hardened after 7 days.

Apply with brush or roller. Do not apply too large quantities in one go due to the processing time.

The mixing ratio for making an epoxy mortar is 1-7 in weight parts (1-3 by volume) with dry quartz sand.

Safety:

Always provide appropriate protective clothing and gloves. Avoid prolonged skin contact. Cleaning agent for tools: cleaner M (environmentally friendly substitute for acetone).