

:: EPOXY RESIN CLEAR FAST A+B

Description:

Is a 2 component solvent-free, odourless and crystal clear casting resin based on epoxy. Suitable for casting in thin layers.

Available in 0.5 kg, 1 kg, 5 kg and 20 kg sets.

Application:

Casting or glossing with clear fast on wood, cardboard, metal or plastic. Good UV-resistance and can be coloured with PU-pigments or epoxy pigments.

Data on delivery:

	<u>A-comp.</u>	<u>B-comp.</u>
Color:	colourless	colourless
Viscosity:	450 mPas	20 mPas
Mass density:	approx. 1.0 g/cm ³	approx. 1,01 gr/cm ³
Shelf life:	12 months	12 months
Consistency:	liquid	liquid

Technical data:

Consumption:	Depending on application
Shore:	D75
Density	1,01 g/cm ³ (iso 1183)
Deflection temperature ,	80 - 85 °C (iso 75)
HTD Glass transition	80 - 85 °C
temperature Tg	100 - 110 Mpa (iso 178)
Bending strength	2500 - 3000 MPa (iso 178)

Processing:

Mix both components in a 100/45 parts by weight ratio. Potlife: 60 min. Thin layers react slower. Dry after 24 hours at a temperature of 23°C. Fully cured after 7 days. If necessary, apply a first layer as contact layer and let it dry for +/- 1 hour. You can then apply the next layer. Apply the epoxy with a brush or pour it out and spread it with a spatula. The epoxy clear fast can be poured up to a thickness of 8 mm. Make small quantities at a time, this in function of the processing time.

Safety:

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