

:: BIO EPOXY FS A+B

Description:

Is a 2 component solvent-free and almost odourless liquid laminating epoxy. Cures without sticking. Recommended to be processed in combination with glass, carbon or aramid fabric. Can be used to manufacture extremely strong parts, where a 37.2% bio-content is important. Available in set of 1 kg packaging A+B.

Application :

As a medium viscous and medium reactive resin for the manufacture of GRP and CVK parts both for hand lamination and the light RTM process. As a binder for fillers, such as cut glass fibre or aerocell lightweight filler. Used in the food industry, model making, aircraft construction and repair of composites in combination with carbon and kevlar fabrics. Very good chemical properties. If necessary post-temp at 50-60°C improves the heat resistance. Is physiologically neutral after curing and may be used for drinking water applications.

Gegevens bij levering:

	<u>A-Comp</u>	<u>B-Comp</u>
Color:	transparent	transparent yellow
Viscosity:	130 mPas	50 - 150 mPas
Mass density:	approx. 1.13 gr/cm ³	approx. 0,99 gr/cm ³
Shelf life:	12 months in closed container	12 months in closed packaging
Consistency:	liquid	thin liquid

Technical data:

(A+B)

Consumption:	Depending on application
Shore:	not applicable

Processing:

Mix the two components in a 100:50 weight ratio. Potlife: 40 min. at 23°C. Dry after 15 hours. Full cure after 7 days. Apply with a brush or roller. Because of the low viscosity, also suitable for vacuum or RTM light technique.

Safety:

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