

BÜFA®-VE-BARRIERCOAT-SV

VE Barriercoat SV, spraying quality

Prod. No. 722-1966

Product description BÜFA®-VE BARRIERCOAT-SV is a filled resin formulation in a spraying consistence. It has been pre-accelerated and is based on a vinyl ester resin, type epoxy bisphenol A, dissolved in styrene.

Applications BÜFA®-VE BARRIERCOAT-SV is used as the 2nd layer of gelcoat between the gelcoat and the laminate as a barrier against shrinkage marks and osmosis. When worked with a suitable gelcoat and laminate construction, it is suitable for GRP parts that are subjected to high chemical and/or thermal loads. When worked properly, BÜFA®-VE BARRIERCOAT-SV meets the highest requirements in regard to surface quality as well as resistance to chemicals and mechanical and thermal loads.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20/23 °C	DIN 53 217/2	0,95	g/ml
	Viscosity at 20°C Brookfield RV/DV-II Spl.4 rpm.3	ISO 2555	24500	mPas
	Styrene content		27,80	%
	Flash point	DIN 53 213	32	°C

Curing **Reactivity:**
BÜFA method in accordance with DIN 16 945 6.2.2.1
(100 g barrier coat + 2 ml Curox M 312)

20 - 30 °C	10 - 15 min
Tmax	100 - 120 °C

Attention!

The information given above refers exclusively to the use of the catalyst named and the quantity specified. The use of different products or differing quantities may yield different results.

Directions for use Stir BÜFA®-VE-BARRIERCOAT-SV gently before using. When applied

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with a Polycon spray gun, use nozzle no. 9 with an air pressure of approx. 4 - 5 bar.

Attention! Use only dried and oil-free compressed air!

The Barriercoat is applied in one spraying operation up to 1000 µm. Glass mats should be placed after 45 to 60 minutes.

Note:

If circumstances permit, we recommend post-curing the moulded part for several hours at + 80 °C to achieve optimal final properties of the barriercoat.

For more information on working and curing, see the notes in our Technical Information leaflet, "Working with BÜFA®-Gelcoats".

Attention!

This product is an experimental product the composition and specifications of which may change at any time without prior notice. If you have any questions in this respect, please get in touch with our Technical Service Department.

Storage/Handling

This product must be stored cool in closed containers, protected from sunlight. Shelf-life is at least 3 months in unopened, original containers stored up to a temperature of 20 °C. Gel and curing times may change with increasing duration of storage.

Note: The Information given above is based on our current state of knowledge and experience. In view of the many factors that may influence working conditions and the application of our products, the user is not relieved from carrying out his own tests and experiments. No legally binding warranty of certain properties or suitability for a particular purpose can be derived from this information. It is the responsibility of the receiver or user of our products to observe proprietary rights as well as existing laws and regulations. The latest version of the corresponding EU Safety Data Sheet must also be observed.

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