

BÜFA® Industry Gelcoat Brush Natural

UP Industry Gelcoat, brushing quality

Prod. No. 665-0001

Product description BÜFA®-Industry Gelcoat Brush Natural is a pre-accelerated gelcoat in a brushing consistence based on an unsaturated orthophthalic acid polyester resin dissolved in styrene.

Applications BÜFA®-Industry Gelcoat Brush Natural can be used for moulded parts subjected to normal loads (industrial moulded parts, furniture, etc.) that are predominately used in indoor areas. This gelcoat has excellent working properties and is distinguished by a remarkably low styrene content.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20 °C	DIN 53 217/2	approx. 1,3-1,6	g/ml
	Viscosity at 20 °C Brookfield RV/DV-II Spl 4 rpm 4	ISO 2555	40 000 - 48 000	mPas
	Styrene content		21 - 27	%
	Flash point	DIN 53 213	+ 32	°C

Curing

Reactivity:
BÜFA method in accordance with DIN 16 945 6.2.2.1
(100 g gelcoat + 2 ml Butanox M-50)

20 - 30 °C	12 - 17 min
20 °C - Tmax	21 - 26 min
Tmax	140 - 170 °C

Gel time at 20 °C in a 100 g cup with 2 ml Butanox M-50: 12 - 17 min

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.

Colouring This gelcoat has not been tinted but if there is sufficient order volume, a limited number of shades of colour are possible.

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Directions for use

Our release agent system BF 500 /BF 700 has been tested and successfully used with this gelcoat. Before using other release agents, they should be tested for suitability under practical conditions. If circumstances permit, we recommend post-curing the moulded part for 6 hours at approx. + 80 °C to achieve optimal gelcoat properties. Stir the gelcoat gently before using. For more information on working and curing, see the notes in our Technical Information leaflet, "Working with OLDOPAL Gelcoats".

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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A company of BÜFA and DSM Composite Resins