

## Technical Data Sheet

# BÜFA®-Bonding Paste 0051

UP Sandwich Adhesive

Prod. No. 7400051

**Product description** BÜFA®-Bonding Paste 0051 is a pre-accelerated, moderately reactive, low density bonding paste filled with organic, light-weight fillers. It is based on a flexibilised mixture of unsaturated orthophthalic acid polyester resins dissolved in styrene. Because of its creamy consistency, it can be quickly and easily applied to the surfaces to be bonded.

**Applications** BÜFA®-Bonding Paste 0051 is a sandwich adhesive that was especially developed for bonding GRP laminates with core layers made of synthetic rigid foam or balsa wood. The bonding paste can only be applied by machine under certain circumstances.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20 °C	DIN EN ISO 2811	approx. 0,64 - 0,72	g/ml
	Viscosity at 20 °C Brookfield RV/DV-II Spl 95 / rpm 5	ISO 2555	325.000 - 425.000	mPas
	Flash point	DIN EN ISO 1523	+ 32	°C
	Styrene content		37 - 40	%

<b>Curing</b>	<b>Reactivity:</b> <b>BÜFA method in accordance with DIN 16 945 6.2.2.1</b> (100 g bonding paste + 2 weight% Butanox M-50)			
	20 - 30 °C		45 - 55 min	
	20 °C - Tmax		60 - 75 min	
	Tmax		85 - 110 °C	
	<b>Gel time at 20 °C in a 100 g cup with 2 weight % Butanox M-50:</b>		45 - 55 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.

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## Directions for use

If the bonding paste is mixed with the hardener by hand, the mixture should be poured into a second container after it has been intensively stirred to ensure homogenous distribution of the peroxide.

## 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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