

Technical Data Sheet

BÜFA®-Bonding Paste 0182

Brushing Quality UP Bonding Paste, fibre reinforced

Prod. No. 7400182

Product description BÜFA®-Bonding Paste 0182 is a less thixotropic variant of BÜFA®-Bonding Paste 0588. The paste is cobalt pre -accelerated and fibre reinforced. It is based on unsaturated THA polyester resin dissolved in styrene. BÜFA®-Bonding Paste 0182 is distinguished by very good mechanical properties, particularly in regard to impact resistance and elongation at break as well as heat resistance.

Applications BÜFA®-Bonding Paste 0182 is primarily used as a "liquid laminate" between the gelcoat and the glass mat. It is used to smooth the contours of mouldings with sharp edges and difficult geometry. It helps to ensure that the glass fibres lie tightly in place in all areas when constructing the laminate. Standing fibres and a resulting formation of hollow spaces between the gelcoat and laminate are prevented.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20 °C		approx. 1.2	g/ml
	Viscosity at 20 °C Brookfield RV/DV-II spl 7 rpm 5	ISO 2555	480 000 - 620 000	mPas
	Styrene content		29 - 32	%
	Flash point	EN ISO 3679:2014 Verfahren B	40,5	°C

Curing **Reactivity:**
BÜFA methode in accordance with DIN 16 945 6.2.2.1
 (100 g Bonding Paste + 2 ml Curox M-303)

20 - 30 °C	12 - 18 min
20 °C - Tmax	23 - 33 min
Tmax	150 - 180 °C

Gel time at 20 °C in a 100 g cup with 2 ml Curox M-303: 12 - 18 min

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Attention!

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

Directions for use

If the bonding paste is mixed with the hardener by hand, the mixture should be poured into a second container after thorough mixing to ensure homogeneous distribution of the peroxide.

BÜFA®-Bonding Paste 0182 should only be worked in layers less than 5 mm thick, otherwise shrinkage marks may appear. In order to be able to laminate subsequent glass mats into the not yet gelled bonding paste, the paste can also be worked with 1.5 - 2.0 % Butanox LPT-IB 94. The use of this catalyst optimises transition structures and interlaminar adhesion.

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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