

# BÜFA®-Bonding Paste 0110

Art.-No. 7400110

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BÜFA®-Bonding Paste 0110 is based on an elasticised vinyl ester. The product is characterised by its excellent durability and features very good thixotropic behaviour with minimal sag on vertical surfaces.

## Profile

<b>Product type</b>	Bonding Paste
<b>Product family</b>	High strength bondings
<b>Resin base</b>	Vinyl ester (VE)
<b>Pre-accelerated product</b>	Yes
<b>Colour</b>	colourless

## Application Range

BÜFA®-Bonding Paste 0110 is particularly well suited for bonding laminates that are subject to high dynamic loads.

## Specification / Technical Data

<b>Density approx.</b>	1,1 g/mL
<b>Flashpoint approx.</b>	34°C
<b>Styrene content approx.</b>	31,50 %
<b>Viscosity (BM V02) Viscosity at 20 °C with spindle 96 and 3 rpm</b>	1,500,000 - 2,100,000 mPas

The BÜFA test procedures describe the test scenario according to which the characteristic values are determined in our company. They refer to generally applicable standards and can be requested if necessary.

## Curing

<b>Reactivity</b>	BM R02
<b>Sample size</b>	100g sample
<b>Peroxide addition</b>	CUROX M-303 2.5 vol. %
<b>Geltime (Reactivity 20-30°C)</b>	55 - 70 min
<b>T-Max (Peak temperature at 20°C)</b>	100 - 140 °C

ATTENTION! The above information refers exclusively to the use of the peroxides mentioned here in the indicated dosage. If other products are used or if the dosage differs, the results may vary.

If circumstances permit, we recommend post-curing (tempering) the component for several hours at 80°C to optimise the moulding material properties.

## Processing

BÜFA®-Bonding Paste 0110 can be processed both manually and with suitable dosing systems, such as the BÜFA®-Tec BPU Gamma4 or the BÜFA®-Tec BPU Theta11.

The suitability of this bonding paste for bonding with the substrate in question should be checked in advance.

The surfaces to be filled / bonded must be free from dust, oil, grease and any other residues, which may negatively affect adhesion.

After adding the curing agent and stirring thoroughly, the mixture should be transferred to a second container. This ensures the homogenous mixture of the peroxide.

## Other information

Due to the large number of factors that can influence the operating conditions and the application of the product, the user must still carry out their own tests and trials.

Acetone or the BÜFA®-GRP Multi Cleaner can be used in order to degrease and clean the tools, as well as to remove residues of filler which have not cured.

Maritime approval: DNV/GL\*

## Storage and handling

The product must be stored closed, in a cool, dry place and protected from sunlight.

In unopened, original containers, the product can be processed for at least 3 months if properly stored at up to 20 °C.

The inspection and assurance of the product quality (goods which meet the specifications) takes place within the framework of quality control immediately after the product has been manufactured.

The setting and curing times as well as the viscosities may change as a result of lengthy storage periods.

The above details have been compiled to the best of our knowledge and are based on our current knowledge and experience. These details only constitute product descriptions. Under no circumstances do they constitute guarantees relating to quality or durability. The processor is obliged to carry out their own tests and investigations in order to take responsibility for any processing and application of our products in the processor's application area. The latest version of the corresponding EU safety data sheet must also be observed.