

## Biresin® PUR Filler

### Fast Filler for boards and composites

#### Areas of Application

- For rapid curing filling of board materials and composite moulds and parts
- As a rapid filler for repairs and modifications

#### Product Benefits

- Fast hardening: can be milled after 2 hours
- Odourless and so with advantages against acrylate adhesives
- Favourable physiological characteristics
- Very high mechanical strength

#### Description

- Basis Two component PUR adhesive
- Component A **Biresin® PUR Filler**, polyole, white, filled, low viscosity
- Component B **Biresin® Fast Adhesive**, MDI-based isocyanate, brown-transparent, unfilled, low viscosity

#### Processing Data

Mixing ratio A : B	in parts by weight	100 : 60
Potlife, RT	min	3
Setting time, RT (workable)	h	2

#### Physical Data (approx.-values)

Colour			white
Density	ISO 1183	g/cm <sup>3</sup>	1.2
Shore hardness	ISO 868	-	D 83
E-Modulus	ISO 178	MPa	2,500
Flexural strength	ISO 178	MPa	85
Impact resistance	ISO 179	MPa	17
Heat distortion temperature	ISO 75B	°C	50

#### Packaging

Working packages	<b>Biresin® PUR Filler (A)</b> <b>Biresin® Fast Adhesive (B)</b>	6 x 0.9 kg net in a box 6 x 0.18 kg net in a box 3 boxes hardener / 1 box resin
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## Processing

- The material, processing and mould temperature must be from 18 to 25°C.
- Before application ensure surfaces are clean, dry, free of dust and grease (cleaning e. g. with Sika® Reinigungsmittel 5).
- After one minute Biresin® PUR Filler becomes thixotropic and can be used as a rapid filler.

## Storage

- Minimum shelf life is 18 month under room conditions (18 - 25°C), when stored in original un-opened containers.
- Containers must be closed tightly immediately after use to prevent moisture ingress. The residual material needs to be used up as soon as possible.

## Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

## Disposal considerations

Product Recommendations: Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

Packaging Recommendations: Completely emptied packagings can be given for recycling. Packaging that cannot be cleaned should be disposed of as product waste.

## Value Bases

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## Legal Notice

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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