

Biresin[®] Foam Adhesive Adhesive for SikaBlock[®] low density design boards

Areas of Application

- For gluing of **SikaBlock[®]** design boards by manufacture of design-, styling- and view models as well as laminating moulds and negatives

Product Benefits

- Strong adhesive performance - failure occurs within the materials being bonded and not on the bond-line
- Curing by humidity, no mixing necessary
- Fast curing to a specific light-weight fine cellulare foam
- No rigid bonding line - Shore hardness, density as well as physical and milling behavior adapted to design boards
- Especially suitable for **SikaBlock[®] M50, M80, M150 and M330**

Description

- Basis One-component-PUR-system, MDI prepolymer, unfilled

Processing Data

Consumption, one-sided application	l/m ²	0,10 - 0,15
Open time, RT, 50% rel. humidity	min	10 - 15
Contact time, RT	h	2 - 4
Contact pressure, dependent on used board material	MPa	0,3 - 1,2
Setting time, RT (workable)	h	6 - 8

Packaging

Individual components **Biresin[®] Foam Adhesive** 0.75 l

Processing

- The material, processing and substrate temperature must be from 10 to 30°C.
- One-sided adhesive application with brush or toothed spatula is sufficient.
- The opposite bonding part has to be moistened moderate immediately before bonding.
- The open time is reduced at higher temperatures and higher humidity.
- Before application of adhesive ensure surfaces are clean, free of dust and grease.

Storage

- Minimum shelf life is 12 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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