

SB-0470

Polyurethane Board for Styling & Design

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Key Properties

- Easy to seal and varnish
- Finest foam structure
- Good chip formation during milling
- Very stable during milling

Applications

- Architectural models
- Interior and exterior mockup
- Master models
- Molds for composite prototype parts
- Thermoforming tools
- Water channel models
- Wind tunnel models

Mechanical Properties

		Unit	SB-0470
Color		visual	apricot
Density	ISO 1183	g/cm ³	ca. 0.47
Coefficient of thermal expansion	ISO 11359	10 ⁻⁶ K ⁻¹	70 - 75
Deflection temperature, HDT	ISO 75	°C	75 - 80
Compressive strength	ISO 604	MPa	10 - 15
Flexural strength	ISO 178	MPa	10 - 15

Processing

The material should be processed at a temperature of 20°C – 25°C.

Dimensions

RAKU® TOOL SB-0470	1500 x 500 x 50 mm 1500 x 500 x 75 mm 1500 x 500 x 100 mm 1500 x 500 x 150 mm 1500 x 500 x 200 mm
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Storage

The material should be stored flat and in a dry place. Temperature variations should be avoided during storage and transportation.



Handling precautions

Good workplace ventilation is to be ensured during processing. At the same time, the employer's liability insurance association's industrial hygiene safety regulations regarding the handling of reaction resins and their hardeners are to be observed. Please take heed of the appropriate safety data sheets.

For information on adhesives and repair pastes see corresponding individual technical data sheets.