

## TEMPORARY PRODUCT DATA SHEET

# SikaBlock<sup>®</sup> M700 N

## MODEL BOARD WITH DENSITY 0.7

### APPLICATIONS

- Data control models and cubings
- Master models and negatives
- Moulds for Low pressure (RIM) casting
- Vacuum forming moulds for lower number of pieces

### MAIN PROPERTIES

- Easy machinability
- Low dust formation when milled
- Dense fine surface
- Easy to seal and to varnish
- Good compressive strength and edge stability
- Good heat distortion temperature

### DESCRIPTION

Basis	Polyurethane, light brown
Adhesive	<b>Biresin<sup>®</sup> Kleber braun Neu</b> , 2K-PUR-System
Filler	<b>Biresin<sup>®</sup> Spachtel braun Neu</b> , 2K-Polyester-System

### PHYSICAL PROPERTIES

approx. values

Components			SikaBlock <sup>®</sup> M600 N
Density	ISO 845	g/cm <sup>3</sup>	0.7
Shore hardness	ISO 868	-	D 62 – 66
Flexural strength	ISO 178	MPa	24 – 26
E-Modulus	ISO 178	MPa	1.000 – 1.100
Heat distortion temperature	ISO 75 B	°C	80 – 85
Glass transition temperature (T <sub>g</sub> )	ISO 11359	°C	95
Linear thermal expansion coefficient $\alpha_T$	DIN 53 752	K <sup>-1</sup>	55 x 10 <sup>-6</sup>

## PROCESSING DATA

Adhesive/Filler		Biresin® Kleber braun Neu,	Biresin® Spachtel braun Neu
Mixing ratio	by weight	100 : 65	100 : 2
Pot life	min	20	5
Setting time	h	8 – 10	➤ 20 min

## PACKAGING UNITS

Model Board	SikaBlock® M700 N	1500 mm x 500 mm x 30 mm, 30 pieces / pallet 1500 mm x 500 mm x 50 mm, 36 pieces / pallet 1500 mm x 500 mm x 75 mm, 24 pieces / pallet 1500 mm x 500 mm x 100 mm, 18 pieces / pallet 1500 mm x 500 mm x 150 mm, 12 pieces / pallet 1500 mm x 500 mm x 200 mm, 8 pieces / pallet
Adhesive	Biresin® Kleber braun Neu, (A) Biresin® G53, (B)	1.5 kg net 4 kg; 0.975 kg net
Filler	Biresin® Spachtel braun Neu, (A)  BPO-Paste, (B)	2 x 8.34 kg net cartridges (A) 6 x 1.76 kg net resin tins (A) in a box  2 x 0.16 kg net sticks (B) (for cartridges - A) 6 x 0.04 kg net tubes (B) in a box (for tins - A)

### FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Advanced Resins. Copies of the following publications are available on request: Safety Data Sheets

### BASIS OF PRODUCT DATA

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

### HEALTH AND SAFETY INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

### LEGAL NOTICE

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