

TEMPORARY PRODUCT DATA SHEET

SikaBlock[®] 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
- Very high dimensional stability
- Good compressive strength and edge stability
- Good heat distortion temperature

DESCRIPTION

Basis	Polyurethane, light brown
Adhesive	Biresin[®] Kleber braun Neu , 2K-PUR-System
Filler	Biresin[®] Spachtel braun Neu , 2K-Polyester-System

PHYSICAL PROPERTIES

approx. Values (≈)

Density	ISO 845	g/cm ³	0.7
Shore hardness	ISO 868	-	D 64
Flexural strength	ISO 178	MPa	25
E-Modulus	ISO 178	MPa	1,100
Heat distortion temperature	ISO 75 B	°C	78
Glass transition temperature (T _g)	ISO 11359	°C	86
Linear thermal expansion coefficient α_T	DIN 53 752	K ⁻¹	55 x 10 ⁻⁶

PROCESSING DATA

approx. values

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

■ 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)	15.4 kg / 1.5 kg net 20 kg / 10 kg / 0.975 kg net
■ Filler:	Biresin® Spachtel braun Neu, (A) BPO-Paste, (B)	2 x 7.74 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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