

# TEMPORARY PRODUCT DATA SHEET

## SikaBlock® M935

### TOOLING BOARD

#### APPLICATIONS

- Foundry patterns, match plates
- Prototype core boxes for cold box process
- True-to-size gauges, high grade master models, diverse moulds and tools

#### MAIN PROPERTIES

- Very high dimensional stability
- Good strength and abrasion resistance
- Easy and fast milling
- Easy workability with good surface quality
- Large board dimension of 1490 mm can result in less bonding lines

#### PHYSICAL PROPERTIES

Basis			Polyurethane
Colour			Light green
Density, 23 °C	ISO 2781	g/cm <sup>3</sup>	1.2

#### MECHANICAL PROPERTIES

approx. values (≈)

Shore hardness - at 23 °C	ISO 868	Shore D	D 82
Compressive strength	ISO 604	Mpa	74
Flexural modulus	ISO 178	MPa	2,900
Flexural strength	ISO 178	MPa	74
Impact resistance (unnotched specimens)	ISO 179 eU	kJ/m <sup>2</sup>	18
Heat distortion temperature	ISO 75 B	°C	89
Glass transition temperature	ISO 11359	°C	92
Coefficient of thermal expansion (CTE) (0 °C to 60 °C)	ISO 11359	10 <sup>-6</sup> K <sup>-1</sup>	56

## PACKAGING UNITS

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■ Board:	<b>SikaBlock® M935</b>	1490 mm x 495 mm x 30 mm, 30 pieces/pallet
		1490mm x 495 mm x 50 mm, 28 pieces/pallet
		1490 mm x 495 mm x 75 mm, 18 pieces/pallet
		1490 mm x 495 mm x 100 mm, 14 pieces/pallet

## STORAGE CONDITIONS

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Storage temperature	■ <b>SikaBlock® M935</b>	18 – 25 °C
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### 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

The information, and, in particular, the recommendations relating to the application and enduse 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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## Contact

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### SIKA DEUTSCHLAND GMBH

Business Unit Industry  
Stuttgarter Straße 139  
72574 Bad Urach  
Phone: +49 7125 940-7692  
E-Mail: [industry@de.sika.com](mailto:industry@de.sika.com)  
Website: [www.sika.de](http://www.sika.de)

### SIKA AUTOMOTIVE FRANCE S.A.S.

ZI des Béthunes - 15, Rue de l'Equerre  
95310 Saint-Ouen-l'Aumône  
CS 40444  
95005 Cergy Pontoise Cedex - FRANCE  
Phone: +33 1 34 40 34 60  
Fax: +33 1 34 21 97 87  
E-Mail: [advanced.resins@fr.sika.com](mailto:advanced.resins@fr.sika.com)  
Website: [www.sikaadvancedresins.fr](http://www.sikaadvancedresins.fr)

### Sika S.A.U.

Carretera de Madrid a Irún – km 14.5  
P.I. Congost 28108 Alcobendas (Madrid) - SPAIN  
Phone: +34 93 225 16 20  
E-Mail: [sar-sales@es.sika.com](mailto:sar-sales@es.sika.com)  
Website: [www.sikaadvancedresins.es](http://www.sikaadvancedresins.es)

### Sika Italia S.p.A.

Via Luigi Einaudi 6  
20068 Peschiera Borromeo (MI) - Italy  
Phone: +39 02 54778111  
Fax +39 02 54778 119  
E-Mail: [info@sika.it](mailto:info@sika.it)  
Website: [www.sika.it](http://www.sika.it)

### Sika Limited

Head Office, Watchmead – Welwyn  
Garden City – AL7 1BQ – United Kingdom  
Phone: +44 1707 394444  
E-Mail: [industry-sales@uk.sika.com](mailto:industry-sales@uk.sika.com)  
Website: [www.gbr.sika.com](http://www.gbr.sika.com)

### SIKA AUTOMOTIVE SLOVAKIA S.R.O.

Tovarenska 49  
953 01 Zlate Moravce - SLOVAKIA  
Phone: +421 2 5727 29 33  
Fax: +421 37 3000 087  
E-Mail: [SikaAdvancedResins@sk.sika.com](mailto:SikaAdvancedResins@sk.sika.com)  
Website: [www.sikaadvancedresins.com](http://www.sikaadvancedresins.com)

### Sika Industry – Tooling, Resins and Marine

30800 Stephenson Highway  
Madison Heights, Michigan 48071 - USA  
Phone: +1 248 588 2270  
Fax: +1 248 616 7452  
E-Mail: [advanced.resins@us.sika.com](mailto:advanced.resins@us.sika.com)  
Website: [www.sikaindustry.com](http://www.sikaindustry.com)

### SIKA AUTOMOTIVE EATON RAPIDS, INC.

1611 Hults Drive  
Eaton Rapids, Michigan 48827 - USA  
Phone: +1 517 663 81 91  
Fax: +1 517 663 05 23  
E-Mail: [advanced.resins@us.sika.com](mailto:advanced.resins@us.sika.com)  
Website: [www.sikaadvancedresins.us](http://www.sikaadvancedresins.us)

### SIKA MEXICANA SA de CV

Av. Gustavo Baz #309 Centrum Park  
54060 Tlanepantla Estado de MEXICO  
Phone: +52 442 238 5800  
E-Mail: [roman.octavio@mx.sika.com](mailto:roman.octavio@mx.sika.com)

### SIKA AUTOMOTIVE SHANGHAI CO. LTD.

N°53 Tai Gu Road  
Wai Gao Qiao  
Free Trade Zone, Pudong  
200131 Shanghai - CHINA  
Phone: +86 21 58 68 30 37  
Fax: +86 21 58 68 26 01  
E-Mail: [industry@cn.sika.com](mailto:industry@cn.sika.com)  
Website: [www.sika.cn](http://www.sika.cn)

### Sika Ltd.

10 F, Shinagawa Intercity Tower B.  
2-15-2 Konan, Minato-ku  
Tokyo 108-6110 - JAPAN  
Phone: +81 3 6433 2314  
Fax: +81 3 6433 2102  
E-Mail: [advanced-resins@jpn.sika.com](mailto:advanced-resins@jpn.sika.com)  
Website: [www.jpn.sika.com](http://www.jpn.sika.com)

### SIKA INDIA PVT LTD,

Plot No. Pap-V-90/1,  
Chakan Industrial Area,  
Phase-II, Vasuli, Khed, PUNE,  
Maharashtra – 410501  
E-Mail: [info.india@in.sika.com](mailto:info.india@in.sika.com)