

PRODUCT DATA SHEET

Sika[®] Mastic SNB

NON-SETTING BUTYL SEALANT

DESCRIPTION

Sika[®] Mastic SNB is a high solids, non-hardening, non-drying, non-oxidizing, butyl rubber-based sealant with excellent adhesion to various materials. The tacky sealant retains its flexibility without becoming brittle and with time forms a slight skin. It has excellent pumpability and gunnability at low temperatures, as well as clean "cut-off" properties, eliminating stringing from application by extrusion.

USES

Sika[®] Mastic SNB has been formulated for any smooth surface where an effective water and vapour barrier across a joint is required. Particularly suited for use in sandwich panel freezer and cool store construction. Also ideal for sealing marine deck fittings and hardware where future disassembly could be required. NB: Not recommended as an underwater sealant.

CHARACTERISTICS / ADVANTAGES

- Excellent adhesion
- Excellent water resistance
- Non-corrosive to metals
- No presence of voids, cracks, separation or breakdown of the compound
- Excellent pumpability and gunnability

PRODUCT INFORMATION

Chemical Base	Butyl
Packaging	300ml cartridge, box of 12 cartridges
Colour	Off-white
Shelf Life	Twelve (12) months from date of manufacture when stored as stated.
Storage Conditions	Store in unopened packaging in cool, dry conditions.
Density	1.3 ± 0.06 kg/litre (uncured)
Solid content by weight	85% minimum

TECHNICAL INFORMATION

Service Temperature	-51°C to +104°C (Permanent)
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APPLICATION INFORMATION

Skin Time

Soft, tacky, and engageable for up to 6 months after initial application (@ 23°C / 50% r.h.)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean, dry and grease free. For specific surface preparation please contact Sika's Technical Department.

APPLICATION METHOD / TOOLS

Cut end off cartridge nozzle at a 45° angle to give a 5-6mm bead. Fit cartridge into a Sika Skeleton or Trade gun and extrude sealant.

CLEANING OF TOOLS

Sika® Mastic SNB may be removed from tools and equipment with Sika® Remover-208 or another suitable solvent.

FURTHER DOCUMENTS

Flexibility	No cracking or loss of adhesion at -51°C	AAMA 800-92 (ASTMC 734)
Staining	No deterioration of painted surface to Galvalume, galvanized, SPE and Kynar 500	(ASTM D 925)
Slump	2.54mm @ 50°C, 5.08mm @ 70°C	(ASTM d 2202)
Shrinkage	16%	(ASTM d 2453)
Corrosivity	No darkening, etching, or salt deposits on metal	
Heat aging	No cracking / chalking	(ASTM C-792-75, C-661-91, D 2240-92)
Static water head test	Passed up to 152.4mm after 24 hours using a double lok or triple lok panel	(MCMA ice damming)
Water Penetration	No water leakage (on a double lok or triple lok panel)	(ASTM E 1646)

BASIS OF PRODUCT DATA

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY HEALTH AND SAFETY

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.

LEGAL NOTES

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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