

Sarnafil® Metal Sheet Stainless Steel

Construction

Product Description

Sarnafil® Metal Sheet Stainless Steel is a stainless steel sheet, laminated with WP waterproofing membrane based on polyvinyl chloride (PVC).

Uses

Production of profiles for perimeter fixings, flashings, fixations and anchoring for applications that have constant exposure or may be subject to aggressive corrosive applications.

Characteristics / Advantages

- High resistance to weathering, including permanent UV radiation
- Must be cut and folded in metal workshops, equipped with suitable tools
- Compatible with all Sarnafil® membranes.
- The lamination of Sarnafil® Metal Sheet Stainless Steel is hot air weldable
- Durable adhesion of top surface laminate to metal sheet
- Resistant against common environmental influences

Tests

Approvals / Standards

- EN 10088-2: Stainless steels. Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes.
EN 10259: Cold-rolled stainless and heat resisting steel wide strip and plate/sheet. Tolerances on dimensions and shape.
- Reacting to fire according to EN 13501-1 (class E)
- Quality management system EN ISO 9001/14001

Product Data

Form

Appearance

Surface:	Smooth
Thickness:	lamination Sarnafil® : 0.8 mm stainless metal: 0.6 mm Total thickness: 1.4 mm

Colour

Top surface:	Blue 5098
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Packaging

Packing unit	30 sheets per pallet
Length	2.00 m
Width	1.00 m
Weight per sheet	11.62 kg

Storage

Storage Conditions/ Shelf-Life

Sarnafil® Metal Sheet Stainless Steel must be stored in dry and clean conditions. Product does not expire if correctly stored.



Technical Data

Material Basis	Top layer:	Polyvinyl chloride (PVC)
	Bottom layer:	Stainless steel, 1.4301

Measures	Length:	2.00 m
	Width:	1.00 m
	Thickness:	1.40 mm
	Mass per unit area:	5.81 kg/m ²

System Information

System Structure	Ancillary products according to local price list: Sealants Compatible products: Sarnafil [®] membranes
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Application Conditions / Limits

Compatibility	Top surface is not resistant against tar, bitumen, oil and solvent containing media.
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Installation Instructions

Application Method / Tools	<p>According to the Sika[®] application manual and installation instructions.</p> <p>Processing Tools: The cutting tools must be in good condition. When folding the Sarnafil[®] Metal Sheet Stainless Steel to profiled shape, the bending radius must be 3 times the flashing thickness. Excessive edge pressure could damage the lamination.</p> <p>Fixing: The minimum fastening distance is according to the local specified requirements.</p> <p>Jointing: Sarnafil[®] Metal Sheet Stainless Steel or profiles must be positioned and fixed, keeping a gap of at least 3 mm to 5 mm at the butt ends.</p>
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Notes on Installation / Limits	<p>Installation works must be carried out only by Sika[®] instructed contractors.</p> <p>Temperature limits for the installation of the Sarnafil[®] Metal Sheet Stainless Steel:</p> <p>Substrate temperature: 0 °C min. / + 35 °C max. Ambient temperature: +5 °C min. / + 35 °C max.</p> <p>Installation of some ancillary products, e.g. cleaners is limited to temperatures above +5 °C. Please observe information given by Technical Data Sheets.</p> <p>For installation below +5 °C ambient temperature, special measures for safety requirements may be required in accordance with relevant national regulations.</p> <p>Installed metal sheets might change its dimensions under influence of ambient temperature differences.</p>
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Value Base	All technical data stated in this Technical 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 Technical Data Sheet for the exact description of the application fields.
Ecology, Health and Safety Information	The product does not fall within the EC-regulation of hazardous goods. As a result, a Material Safety Data Sheet following EC-Guideline 91/155 EWG is not needed to bring the product to the market, transport or use it. The product does not damage the environment when used as specified.
Protective Measures	Fresh air ventilation must be ensured, when working (welding) in closed rooms. Local safety regulations must be observed.
Transportation Class	The product is not classified as hazardous goods for transport.
Disposal	The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.
Important Notification	<p>The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.</p> <p>PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.</p>



Sika Australia Pty Limited
Tel: 1300 22 33 48
www.sika.com.au