

# PRODUCT DATA SHEET

## Sarnafil® Metal PVC

### METAL SHEETS AND COILS LAMINATED WITH SARNAFIL® G ROOF WATERPROOFING MEMBRANE

#### DESCRIPTION

Sarnafil® Metal PVC is a galvanised steel sheet or coil, laminated with Sarnafil® G polyvinyl chloride (PVC) roof waterproofing membrane.

#### USES

Production of profiles for perimeter fastenings and junctions.

- Sarnafil® G/S (PVC) roof waterproofing membrane systems.

#### CHARACTERISTICS / ADVANTAGES

- Resistant to UV exposure
- Can be cut and shaped either on site or in metal workshop
- Sarnafil® G/S lamination is hot air weldable

#### PRODUCT INFORMATION

<b>Composition</b>	Top layer	polyvinyl chloride (PVC) with inlay of glass non-woven
	Bottom layer	galvanised steel (quality DX51D Z275) with epoxy coating protection

#### Packaging

##### Sarnafil® G/S Metal Sheet

packing unit	100 sheets per pallet	70 sheets per pallet
length	2.00 m	3.00 m
width	1.00 m	1.00 m
weight	6.20 kg/m <sup>2</sup> (± 8 %)	6.20 kg/m <sup>2</sup> (± 8 %)
weight per sheet	12.40 kg (± 8 %)	18.60 kg (± 8 %)
available colour	light grey, window grey, lead grey, copper patina, copper brown, traffic white	light grey

##### Sarnafil® G/S Metal Coil

packing unit	4 coils per pallet
length	30.00 m
width	1.00 m
weight	6.20 kg/m <sup>2</sup> (± 8 %)
weight per coil	186.00 kg (± 8 %)
available colour	light grey, lead grey

<b>Appearance / Colour</b>	Surface	smooth
	<b>Colour Reference</b>	
	Top surface	light grey (nearest RAL 7047) window grey (nearest RAL 7040) lead grey (Sika colour no. 9500) copper patina (Sika colour no. 6525) copper brown (nearest RAL 8004) traffic white (nearest RAL 9016)
	Bottom surface	Metal: Cut (Epoxy coating protection)
<b>Shelf Life</b>	5 years from date of production	
<b>Storage Conditions</b>	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Do not stack pallets of Metal sheets or coils on top of each other, or under pallets of any other materials during transport or storage. Always refer to packaging.	
<b>Thickness</b>	Sarnafil® G lamination	1.20 mm (-0.060 mm / +0.120 mm)
	Galvanised metal	0.60 mm (± 0.060 mm)
	Total thickness	1.80 mm (-0.120 / +0.180 mm)

## SYSTEM INFORMATION

<b>System Structure</b>	The following products must be considered for use depending on roof design: <ul style="list-style-type: none"> <li>▪ Sarnaplast®-2235</li> <li>▪ Primer-110</li> <li>▪ S-Sealing Tape (10 mm × 10 mm × 2 mm)</li> </ul> Ancillary products: <ul style="list-style-type: none"> <li>▪ Sarnafil® G 410 types</li> <li>▪ Sarnafil® S 327 types</li> </ul>
<b>Compatibility</b>	Top surface PVC lamination is not resistant to tar, bitumen, oil and materials containing solvents. These materials could adversely affect the product properties.

## APPLICATION INFORMATION

<b>Ambient Air Temperature</b>	-20 °C min. / +60 °C max.
<b>Substrate Temperature</b>	-30 °C min. / +60 °C max.

## APPLICATION INSTRUCTIONS

### APPLICATION METHOD / TOOLS

Reference must be made to further documentation where applicable, such as relevant method statement, application manual and installation or working instructions.

#### Processing Tools

The cutting tools must be in good condition. When folding Sarnafil® Metal PVC sheets or coils to the required profiled shape, the bending radius must be 3 times the flashing thickness. Excessive edge pressure could damage the lamination.

#### Fixing

Secure the Sarnafil® Metal PVC sheet or coil at the minimum fixing distances in accordance with the local specified design requirements.

#### Jointing

The Sarnafil® Metal PVC sheet or coil must be posi-

tioned and fixed keeping a gap of at least 3 mm to 5 mm at the butt ends.

### FURTHER DOCUMENTS

- Installation instructions: Sarnafil® G/S flat roof waterproofing membranes.

### IMPORTANT CONSIDERATIONS

Installation work must only be carried out by Sika® trained and approved contractors, experienced in this type of application.

- Ensure Sarnafil® Metal PVC sheets and coils are prevented from direct contact with incompatible materials (refer to compatibility section).
- The use of Sarnafil® Metal PVC sheets and coils are limited to geographical locations with average monthly minimum temperatures of -30 °C. Permanent ambient temperature during use is limited to +50

°C.

- The use of some ancillary products such as adhesives, cleaners and solvents is limited to temperatures above +5 °C. Observe temperature limitations in the appropriate Product Data Sheets.
- Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

## 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

### REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w)

## 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.

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