

## PRODUCT DATA SHEET

## Primer-600

Primer for self-adhesive vapour barrier and roof membranes

## DESCRIPTION

Primer-600 is a synthetic rubber and resin based 1-part ready to use primer.

## USES

Primer-600 is a ready-to-use primer for various substrates for bonding in combinations with the self-adhesive membranes Sarnavap® 5000 E SA, Sarnavap® 5000 E SA FR, Sarnafil® TG 76 FSA, Sarnafil® AT FSA and Sarnafil® AT FSH SA.

## FEATURES

- Easily applied
- High adhesion to different structural deck types and substrates
- Increased adhesion for the specific membrane types
- Applied by brush or roller

## Substrates:

- Concrete, lightweight concrete
- Connections to screed, brick, masonry, plaster, metal sheet
- OSB boards
- Trapezoidal steel sheet
- Bitumen sheeting
- Mineral fibre insulation boards with mineral fleece lamination
- Polyurethane (PU) insulation boards with mineral fleece lamination

## PRODUCT INFORMATION

Composition	Synthetic rubber and synthetic resins based primer. Contains solvents.
Packaging	5 kg or 12,5 kg containers. Packing unit: Euro pallet with 60 or 33 containers or single container.
Appearance and colour	Black
Shelf life	12 months from date of production
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.
Density	~0,84 kg/l (+20 °C)
Volatile organic compound (VOC) content	VOC-CH 63,4 % VOC-EU 63,4 %
Consistency	Liquid

## APPLICATION INFORMATION

<b>Consumption</b>	Consumption depends on the roughness and absorbency of the substrate. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.														
	<table><tr><th>Substrate</th><th>Consumption</th></tr><tr><td>Trapezoidal sheet metal</td><td>approx. 100 g/m<sup>2</sup></td></tr><tr><td>Concrete, masonry</td><td>approx. 400 g/m<sup>2</sup></td></tr><tr><td>Bitumen</td><td>approx. 400 g/m<sup>2</sup></td></tr><tr><td>OSB boards</td><td>approx. 200 g/m<sup>2</sup></td></tr><tr><td>Mineral fibre insulation boards, laminated with mineral fleece</td><td>approx. 300 g/m<sup>2</sup></td></tr><tr><td>PU insulation boards, laminated with mineral fleece</td><td>approx. 300 g/m<sup>2</sup></td></tr></table>	Substrate	Consumption	Trapezoidal sheet metal	approx. 100 g/m <sup>2</sup>	Concrete, masonry	approx. 400 g/m <sup>2</sup>	Bitumen	approx. 400 g/m <sup>2</sup>	OSB boards	approx. 200 g/m <sup>2</sup>	Mineral fibre insulation boards, laminated with mineral fleece	approx. 300 g/m <sup>2</sup>	PU insulation boards, laminated with mineral fleece	approx. 300 g/m <sup>2</sup>
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<b>Ambient air temperature</b>	+5 °C min														
<b>Substrate temperature</b>	+5 °C min														
<b>Tack free time</b>	~30 minutes Depending on environmental conditions, characteristics of the substrate and amount of primer applied														
<b>Waiting time to overcoating</b>	~30 minutes Depending on environmental conditions, characteristics of the substrate and amount of primer applied														
<b>Setting time</b>	Final properties are achieved after ~1 week, depending on temperature and humidity.														

## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

- Do not apply to wet, damp or unclean surfaces.
- Do not use on the following substrates: Synthetic membranes e.g. PVC, FPO.
- Do not use on EPS/XPS thermal insulation boards.
- Do not use on existing coated surfaces.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY

The substrate surface/supporting layer must be of sufficient structural adequacy to apply the new roof membrane and all layers of the roof build-up including wind uplift.

The substrate can be one of the following materials: Concrete, lightweight concrete, screed, brick, plaster, Oriented Strand Boards (OSB), plywood panels, timber boards, metal decking.

### SUBSTRATE PREPARATION

The substrate must be uniform, firm, solvent resistant, smooth and free of any sharp protrusion or burrs, clean, dry, free of grease, bitumen, oil, paint coatings and dust. If heavily contaminated or oiled, sheet metal decking must be cleaned with cleaner before applying the primer.

### MIXING

1-part ready to use and must not be thinned or mixed with other products. Before use, stir product thoroughly.

## APPLICATION

Application must be during dry weather at temperatures above +5 °C.

Apply a uniform, thin coat of Primer-600 to the substrate by brush or roller. Allow primer to dry tack free.

Apply roofing membrane on the same day.

Absorbent substrates may require two coats. Allow sufficient overcoating time for 2<sup>nd</sup> coat.

## CLEANING OF EQUIPMENT

Clean all tools and application equipment with cleaner immediately after use. Hardened material can only be mechanically removed.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## 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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### PRODUCT DATA SHEET

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