

PRODUCT DATA SHEET

Primer-600

PRIMER FOR SELF ADHERED AIR & VAPOUR CONTROL LAYERS AND CARRIER MEMBRANES

PRODUCT DESCRIPTION

Synthetic rubber and resins based primer

USES

Primer-600 is a ready for use product, used as primer to improve the bond strength of a range of self-adhering membranes including Air & Vapour Control layers and carrier membranes.

CHARACTERISTICS / ADVANTAGES

- Ease of application
- No hot works with torch
- High adhesion to different structural decks and substrates
- Bonding strength results in increased adhesion strength for S-Vap 5000E SA, S-Vap HD SA and Carrier Membrane SA on a wide range of substrate types (see individual product data sheets for specific substrate details)

Suitable substrates:

- Concrete, lightweight concrete, screed, brick, plaster
- Oriented Strand Boards (OSB), plywood panels, timber boards
- Metal deck
- Can be used in a fully-adhered roof build-up
- Application: brush or roller applied

APPROVALS / STANDARDS

- Quality management system EN ISO 9001/14001
- British Board of Agrément (BBA) certified No. 14/5147

PRODUCT INFORMATION

Chemical Base	Synthetic rubber and synthetic resins based primer. Containing solvents.	
Packaging	One way container:	5 kg
	Packing unit:	Pail
Appearance / Colour	Black liquid	
Shelf Life	At least 12 months from date of production if stored properly in original, unopened and undamaged sealed container. Expiry date is on container.	
Storage Conditions	Store in a dry, well ventilated place, at temperatures between +5 °C to +30 °C.	
Density	~ 0.84 kg/l (+20 °C)	
Volatile organic compound (VOC) content	VOC-CH 63.4 % VOC-EU 63.4 %	

APPLICATION INFORMATION

Consumption	Consumption depends on the roughness and absorbency of the substrate and ranges from 150 g/m ² (approx 0.18 l/m ²) to 500 g/m ² (approx 0.6 l/m ²)
Ambient Air Temperature	Ambient temperature: At least +5 °C
Substrate Temperature	Substrate temperature: At least +5 °C
Setting Time	Final strength is achieved after approx. 1 week, depending on the temperature and humidity.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The substrate must offer sufficient strength and adhesion to resist the forces generated by wind suction.

SUBSTRATE PREPARATION

The substrate must be solvent resistant, firm, clean, dry, free of foreign objects and stripping agents as well as free of oil and grease.

APPLICATION

Apply only in dry weather at temperatures of at least +5 °C. Before applying ensure that the substrate is clean, dry, free of grease.

If heavily contaminated or oiled, sheet metal must be cleaned with cleaner before applying the primer.

Primer-600 is ready for use and may not be thinned or mixed with other products.

Before use stir the primer vigorously. Apply a uniform, thin coat of Primer-600 to the area, which will be installed the same day. Absorbent substrates may require two coats. Allow sufficient drying time.

Drying time depends greatly on the weather, the characters of the substrate, and amount of primer applied but is approximately 30 minutes. Let the primer dry so it is no longer tacky.

Tools: Use brush or roller.

CLEANING OF TOOLS

Tools and equipment must be cleaned with cleaner immediately after use.

LIMITATIONS

Shall not be used on following substrates:

- Synthetic membranes e.g. PVC, FPO
- EPS/XPS thermal insulation boards
- Lacquered surfaces

Installation works shall be performed only by a QA Contractor where a Sika Liquid Plastics Product Guarantee is required

VALUE BASE

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

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.

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.

TECHNICAL ENQUIRIES

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Product Data Sheet

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