

PRODUCT DATA SHEET

Sika® Primer-117 MS

(formerly MasterSeal® P 117)

Two-part epoxy-based primer for porous substrate

DESCRIPTION

Sika® Primer-117 MS is a two-part, epoxy-based primer for polysulphide sealants on porous substrates.

USES

Sika® Primer-117 MS is used on the following porous substrates:

- Concrete
- Cementitious screed
- Sand lime bricks

Sika® Primer-117 MS is used for interior and exterior applications.

FEATURES

- Good penetration
- Very good adhesion to absorbent substrates
- Low viscosity

PRODUCT INFORMATION

Composition	Epoxy
Packaging	Boxes of four 1 L - Kits.
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 +15 °C and +25 °C. Always refer to the packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.
Colour	Yellowish, transparent
Density	~0.9 kg/L (EN ISO 2811-1)
Solid content by mass	40 %

APPLICATION INFORMATION

Mixing ratio	100 : 66 by weight	
Consumption	For 15 mm deep joints (2x 15 mm adhesion area): ~6 ml/m or ~200ml/m ² Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.	
Material temperature	Maximum	+40 °C
	Minimum	+5 °C
Ambient air temperature	Maximum	+40 °C
	Minimum	+5 °C
Substrate temperature	Maximum	+40 °C
	Minimum	+5 °C
Open Time	1 hour to maximum 6 hours	
Dew point	The substrate temperature must be at least +3 °C above dew point to reduce the risk of condensation decreasing adhesion.	
Flash-off time	Minimum 1 hour	

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.

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

Substrate must be sound, clean and free of all contaminants such as dirt, oil, grease, polish, coatings, water-soluble and water-resistant adhesives, varnish, laitance, surface treatments and loose friable materials.

MIXING

1. Empty the entire content of part B into the container holding part A.
2. Use a hand-held stirrer to mix part A and part B for at least one minute or until a homogeneous mixture is achieved, ensuring there are no residues left.
3. Close the container tightly.
4. Use all mixed material after mixing, within six hours at 23 °C . During this time, the consumption might increase due to increasing viscosity. Note The appearance of the Product does not change, even if it is no longer suitable for application.

APPLICATION

1. Use a brush to generously apply the primer to the adhesion surfaces intended for the joint sealing material.
2. To ensure full curing, maintain the material and the substrate temperatures above the minimum limit at any location and at any point during the curing time.
3. Apply the joint sealant within the specified open time.
4. If the 6-hour limit is exceeded, re-prime the coated surfaces using . Ensure that the surfaces to be re-primed are clean and free from dust.

CLEANING OF EQUIPMENT

Clean all tools and application equipment immediately after use with Sika® Remover-208 or Sika® PowerClean. Once cured, hardened material can only be removed mechanically.

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 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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ISO 9001, 14001, 45001 – SGS
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- Master Builders Solutions LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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