

PRODUCT DATA SHEET

SikaBit® P-12 AE

LIQUID SOLVENT BASED BITUMINOUS PRIMER

DESCRIPTION

SikaBit® P-12 AE is a bituminous liquid that seals porous surfaces, such as concrete, which improves the adhesion of bituminous materials that are to be applied to the substrate.

Suitable for use in hot and tropical climatic conditions.

USES

SikaBit® P-12 AE is used as a primer for SikaBit® membranes to increase adhesion and bond to the substrate.

CHARACTERISTICS / ADVANTAGES

- High adhesion and bonding ability on various substrates
- Good binding ability for dust and loose particles
- Ready to use by brush, roller or spray

APPROVALS / CERTIFICATES

SikaBit® P-12 AE complies with the specification requirement of ASTM D41

PRODUCT INFORMATION

Composition	Bitumen Solution	
Packaging	200 L drums	
Colour	Black	
Shelf life	12 months minimum from date of production if stored properly in original unopened packaging.	
Storage conditions	Drums must be stored in their original package, in vertical position and under cool and dry conditions between temperatures of +5°C and +35°C. They must be protected from direct sunlight, rain, snow and ice.	
Flash Point	≥ 35 °C	(ASTM D 92)

APPLICATION INFORMATION

Consumption	~300 g/m ²	Brush or Roller
	~200 g/m ²	Sprayed
Note: These figures are theoretical and do not allow for any additional material required due to surface porosity, surface profile, variations in level or wastage etc.		
Ambient Air Temperature	+5°C min. / +50°C max.	

Dew Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of condensation.
Substrate Temperature	+5°C min. / +50°C max.
Substrate Moisture Content	≤ 4% moisture content, no rising moisture
Drying time	~3 ± 1 h Depending on the local weather conditions at the time of application.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Concrete / brickwork / mortar screeds:
Must be smooth, clean, dry, homogeneous and free from oils and grease, dust and loose or friable particles.

APPLICATION

SikaBit® P-12 AE should be stirred thoroughly before use. Applied to the substrate by means of brush, roller or spray, as per consumption rates and allow to fully cure before installing following SikaBit® system. Areas to be treated should be free from grease, oil and dust, etc.

Only prime areas that are to be covered in the same day. Do not leave the primer exposed for more than 24 hours. If this should happen, re-apply primer coat at given consumption rate and allow to fully cure as above.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with Sika® Thinner C immediately after use. Hardened and/or cured material can only be removed mechanically.

IMPORTANT CONSIDERATIONS

Do not apply in wet weather or to wet surfaces. Always ensure good ventilation when using SikaBit® P-12 AE in a confined space, to ensure drying and full curing. Any surfaces left uncovered for a period of more than 24 hours should be re-primed.

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.

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.

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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 OHSAS 18001.

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