

# 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 <sup>2</sup>	Brush or Roller
	~200 g/m <sup>2</sup>	Sprayed
<b>Note:</b> 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 re-	

duce the risk of condensation.

<b>Substrate temperature</b>	+5°C min. / +50°C max.
<b>Substrate moisture content</b>	≤ 4% moisture content, no rising moisture
<b>Drying time</b>	~3 ± 1 h Depending on the local weather conditions at the time of application.

## 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.

## 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.

## 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.

## 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. Area's 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.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommenda-

tions 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.

**Sika Iraq (Sika Trading L.L.C.)**

Erbil / Baghdad / Basra

Tel: +96 477 303 74451

info@iq.sika.com

irq.sika.com

**PRODUCT DATA SHEET**

SikaBit® P-12 AE

December 2020, Version 02.01

020725601000000008

