PRODUCT DATA SHEET

Sika® Primer AFP

ONE-COMPONENT, MOISTURE-CURED PRIMER FOR USE WITH SIKA®MEMBRAN SYSTEM ON BITUMINOUS AND ASPHALT BASED SUBSTRATES

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	One-component, moisture-cured aliphatic polyurethane
Colour (CQP001-1)	Shale Grey (nearest RAL 8500)
Density	1.44 kg/l
Flash point (CQP007-1 / ISO 13736)	> 61°C
Solid content	~ 81.3% by volume (+23 °C / 50 % r.h.) ~ 87.4% by weight (+23 °C / 50 % r.h.)
Application temperature	+5 °C min. / +35 °C max.
Application method	Roller
Consumption	1 l/m²
Pot-life	Sika® Primer AFP is designed for fast curing. Higher temperatures combined with higher air humidity will increase the speed of the curing process. Therefore, material in opened containers should be applied immediately. Once the container has been opened, the material will form a film after 1–2 hours approx. (+20 °C / 50 % r.h.).
Shelf life	9 months from date of production

DESCRIPTION

Sika® Primer AFP is a one component, easy to apply, flexible and moisture cured primer used as part of the SikaMembran® System. Designed to adhere to common construction substrates and to provide a compatible interface with bituminous and asphalt based substrates.

Primer Product Benefits

- Compatible with bituminous and asphalt based substrates.
- One component product - no mixing and ready to use.
- Good adhesion to most substrates, preventing the migration of water, while allowing the substrate to breathe.
- Easy application by roller.
- Fast curing.
- Cold applied.
- UV resistant.
- Elastic and retains flexibility even at low temperatures.

AREAS OF APPLICATION

Sika® Primer AFP is designed to ensure compatibility between the substrate (including bituminous and asphaltic products) and the SikaMembran® System without the need to fix and/or drill a termination bar.

METHOD OF APPLICATION

Apply Sika® Primer AFP using a 4”(100mm) roller.

Primer Preparation

All surfaces must be clean, sound, dry and free from frost, dust, grease and oil.
Paint, laitance and other poorly adhering particles must be removed.

Primer Application

Before applying Sika® Primer AFP, several conditions have to be met:

- Substrate temperature is between + 5 °C min. and + 60 °C max. and 3ºC higher than the dew point temperature of the air in order to avoid the formation of condensation on the surfaces. For more information about dew point calculation please refer to the SikaMembran® System Method Statement.
- Relative air humidity is between 5 % r.h. min. / 85 % r.h. max.
- Substrate moisture content is ≤4 % pbw. Test method: Sika®-Tramex meter
- Ambient temperature is required to be between + 5 °C min. and 35ºC max.

If these conditions are not met, Sika® Primer AFP can not be applied.

DRYING

SikaBond® -TF Plus can be applied, depending on the weather conditions, between 6-18 hours after Sika® Primer AFP was applied. The minimum drying times before applying SikaBond® -TF Plus are as follows:

Ambient conditions	Minimum drying time
+5 °C / 50 % r.h.[1)]	18 hours
+10 °C / 50 % r.h.[1)]	8 hours
+20 °C / 50 % r.h.[1)]	6 hours

The full curing time of Sika® Primer AFP is as follows:

Ambient Conditions	Full curing time
+5 °C / 50 % r.h. [1)]	18-24 hours
+10 °C / 50 % r.h. [1)]	8-12 hours
+20 °C / 50 % r.h. [1)]	6-8 hours

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STORAGE CONDITIONS

The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between 0 °C and +25 °C.
Higher storage temperatures may reduce shelf life of product.
Reference shall also be made to the storage recommendations within the safety data sheet.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry. Copies of the following publications are available on request:

- Safety Data Sheets
- Method Statement SikaMembran® System

PACKAGING INFORMATION

Pail	5 l

BASIS OF PRODUCT DATA

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

HEALTH AND SAFETY INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

DISCLAIMER

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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