

## PRODUCT DATA SHEET

# Sika® Primer AFP

Primer for use with SikaMembran® System onto bituminous and asphalt substrates

## TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	1-component polyurethane
Colour (CQP001-1)	Shale Grey (nearest RAL 8500)
Density	1.4 kg/l
Flash-point	61 °C
Solid content	by volume 81 %
Application temperature	5 – 35 °C
Application method	100 mm (4") roller
Consumption	1 l/m <sup>2</sup>
Shelf life	9 months

CQP= Corporate Quality Procedure

## DESCRIPTION

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

## Product Benefits

- Compatible with bituminous and asphalt based substrates
- One component product - no mixing and ready to use
- Good adhesion to a variety of construction substrates
- Easy application by roller
- Fast curing
- Elastic and retains flexibility even at low temperatures

## AREAS OF APPLICATION

Sika® Primer AFP is designed to adhere to common construction substrates (including bituminous and asphaltic based products) as part of the EPDM SikaMembran® System, eliminating the requirement of a mechanically fixed termination bar.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed ensuring adhesion and material compatibility.

## METHOD OF APPLICATION

Surfaces must be clean, dry and free from grease, oil, dust and contaminants.

### Application

Apply Sika® Primer AFP using a 100 mm (4") short hair roller to a minimum thickness of 1 mm.

Substrate temperature has to be between 5 °C and 60 °C and 3 °C 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 refer to the SikaMembran® System Method Statement.

Relative air humidity has to be between 5 % and 85 % and the substrate moisture content ≤4 % (using Sika®-Tramex meter).

Ambient temperature is required to be between 5 °C and 35 °C.

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

### DRYING

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

Ambient conditions	Minimum drying time
5 °C / 50 % r.h. <sup>1)</sup>	18 hours
10 °C / 50 % r.h. <sup>1)</sup>	8 hours
20 °C / 50 % r.h. <sup>1)</sup>	6 hours

<sup>1)</sup> Rain resistant after 10 minutes

SikaBond® TF plus N must be applied within 7 days after Sika® Primer AFP application.

Note: Times are approximate and will be affected by environmental conditions.

## IMPORTANT NOTE

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 must be applied immediately and must not be re-used. Once the container has been opened, the material will form a film after 1 – 2 hours. Once a film has formed, Sika® Primer AFP can no longer be applied and has to be discarded.

Mixing is not required, however if the product is settled or separated on opening, stir Sika® Primer AFP gently but thoroughly in order to achieve a uniform color. Stirring gently will minimise air entrainment.

Never dilute or mix this product with any other substances.

### 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. Allow Sika® Primer AFP to acclimatise to application temperature before use.

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
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## 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.

## PRODUCT DATA SHEET

Sika® Primer AFP  
Version 02.01 (08 - 2020), en\_GB  
014761000019003000

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