

## PRODUCT DATA SHEET

# Sika® Igoflex® P-01 IT

1-part water-based bituminous emulsion primer

### PRODUCT DESCRIPTION

Sika® Igoflex® P-01 IT is a 1-part water-based ready to use bituminous primer. It improves adhesion and consolidation of the substrate prior to the application of thick bitumen coatings and bituminous sheet membranes.

### USES

The Product is used as a primer for the following substrates:

- Concrete
- Mortar
- Masonry
- Wood

Please note:

- The Product is not suitable for potable water contact.
- The Product is not resistant against permanent weathering and UV light.
- Do not use for applications under water pressure or permanent water immersion.

### CHARACTERISTICS / ADVANTAGES

- Fast drying
- 1-part ready to use
- Good penetrating ability into porous substrates
- Applied by brush, roller, or airless spray
- Good adhesion to dry or slightly damp substrates

### PRODUCT INFORMATION

<b>Chemical Base</b>	Bituminous emulsion and additives	
<b>Packaging</b>	10 L container	
<b>Appearance / Colour</b>	Appearance and colour	brown
	Cured appearance	black
<b>Shelf Life</b>	12 months from date of production	
<b>Storage Conditions</b>	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.	
<b>Density</b>	(1.00 ± 0.10) kg/L	(EN ISO 2811-1)

## APPLICATION INFORMATION

Consumption	Concrete	0.3-0.5 kg/m <sup>2</sup>	
	Metal	0.2-0.3 kg/m <sup>2</sup>	
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 product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.			
Product Temperature	Maximum	+30 °C	
	Minimum	+5 °C	
Ambient Air Temperature	Maximum	+30 °C	
	Minimum	+5 °C	
Relative Air Humidity	Maximum	80 %	
Substrate Temperature	Maximum	+30 °C	
	Minimum	+5 °C	
Substrate Moisture Content	<b>Substrate</b>	<b>Test method</b>	<b>Moisture content</b>
	Cementitious substrates	Calcium carbide method (CM-method)	≤ 3 %
No rising moisture (ASTM D4263, polyethylene sheet)			
Curing Time	+20 °C	~60 minutes	

## VALUE BASE

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

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

## APPLICATION INSTRUCTIONS

### EQUIPMENT

#### MIXING EQUIPMENT

- Electric single paddle mixer (300 to 400 rpm)

Select the most appropriate equipment for all applications required for the project:

#### APPLICATION EQUIPMENT

- Brush
- Fleece roller
- Trowel
- Airless spray equipment

### SUBSTRATE QUALITY

#### CEMENTITIOUS SUBSTRATES

The substrate must be uniform, dry or slightly damp, free from dust, loose material, surface contamination, existing coatings, oil, grease and other materials which could reduce adhesion of the coating.

1. Remove weak surfaces and fully expose defects such as blow holes and voids.
2. Carry out repairs and surface leveling using appropriate products from the SikaTop®, Sikadur® and Sika MonoTop® range of materials.
3. Allow repair products to fully cure before applying the Product.

#### SUBSTRATE PREPARATION

Clean and prepare the substrate using suitable preparation techniques to provide a clean, slightly textured surface.

### APPLICATION

#### IMPORTANT

##### Strictly follow installation procedures

Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

## IMPORTANT

### Exposure to UV or weathering

The Product is not resistant to permanent UV exposure or weathering.

1. Contact Sika Technical Services for detailed advice. Prior to application, confirm substrate moisture content, substrate and air temperatures.

### MANUAL APPLICATION

1. Apply the Product evenly over the surface with a brush or roller at the required consumption.

### SPRAY APPLICATION

1. Apply the Product onto prepared substrate using airless spray equipment.

### CLEANING OF TOOLS

Clean all tools and application equipment with Sika® Colma Cleaner immediately after use. 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 the 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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### Product Data Sheet

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