

## PRODUCT DATA SHEET

# Sika® Igoflex® P-10 GR

1-COMPONENT, BITUMINOUS PRIMER FOR BITUMINOUS MEMBRANES AND PROTECTIVE COATING

### DESCRIPTION

Sika® Igoflex® P-10 GR is 1-component, bitumen varnish, used as primer for bituminous membranes and for protection of metallic and concrete structures.

### USES

- Primer for bonding bituminous waterproofing membranes
- Anticorrosion protection of metal and waterproofing and protection of concrete constructions, even protecting wooden surfaces submerged in the ground against humidity

### CHARACTERISTICS / ADVANTAGES

- Improves the adhesion of bituminous membranes
- Applied by brush, roller or airless spray
- Ready to use
- Good penetrating ability into concrete and mortar substrates
- Can be applied even on wooden surfaces
- Excellent adhesion and high penetration on surfaces, highly resistant to low concentration acids and bases
- It is not compatible with polystyrene, due to solvents containing formula

### PRODUCT INFORMATION

Composition	Bituminous, containing organic solvents
Packaging	18 kg metal pail
Colour	Black
Shelf life	24 months from date of production
Storage conditions	The product must be stored in original, undamaged, sealed container, at temperatures between +5°C and +35°C. Protect it from high temperatures (not above +40 °C) and direct sunlight exposure. In cases of prolonged storage, product can be thinned using benzene.
Density	0,95 (±0,03) kg/lit at +20 °C
Flash Point	> 250 °C
Viscosity	73 sec (+25°C) (ASTM D 41)

### APPLICATION INFORMATION

Consumption	0,25 – 0,30 kg/m <sup>2</sup> per coat (concrete surfaces) 0,10 – 0,15 kg/m <sup>2</sup> per coat (metal surfaces) The consumption depends on the porosity and the structure of the substrate.
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<b>Ambient Air Temperature</b>	+5°C min. / +35°C max.
<b>Substrate Temperature</b>	+5°C min. / +35°C max.
<b>Drying time</b>	Dust free: 30-60 min Touch dry: >120 min
<b>Waiting Time / Overcoating</b>	For every next coat application, the previous one must have cured.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY

Substrate must be clean, smooth, dry, free of dust, oil or grease and loose or friable particles. Surface defects such as blowholes, voids, honeycombing, e,t,c. on concrete substrates must be repaired with suitable Sika mortars before application of Sika® Igoflex® P-10 GR.

### SUBSTRATE PREPARATION

Clean contaminated substrates by suitable means including steam cleaning, high pressure water jetting, e.t.c., to achieve a suitable substrate surface quality as outlined above.

### APPLICATION METHOD / TOOLS

The product can be applied by brush, roller or spray. If Sika® Igoflex® P-10 GR is used as a primer for bonding of torch applied bituminous membranes, application must take place at least 24 hours before the bituminous membrane installation for preventing inflammation.

### CLEANING OF EQUIPMENT

Removal of fresh remnants from tools and application equipment can be carried out using Thinner C or gasoline immediately after use. Hardened / cured material can only be mechanically removed.

## IMPORTANT CONSIDERATIONS

- Do not apply the product under direct sunlight.
- Do not apply the product during rainfall.
- Protect freshly applied material from rain, frost and in general adverse weather conditions until fully hardened.

## 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.

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## LOCAL RESTRICTIONS

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

## 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.

### DIRECTIVE 2004/42/CE LIMITATION OF EMISSIONS OF VOC

According to the EU-Directive 2004/42, the maximum allowed content of VOC (Product category IIA / h type sb) is 750 g/l (Limits 2010) for the ready to use product.

The maximum content of Sika® Igoflex® P-10 GR is < 750 g/l VOC for the ready to use product.

## 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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