

PRODUCT DATA SHEET

Sika® Igolflex® P-10 GR

1-component, bituminous primer for bituminous membranes

DESCRIPTION

Sika® Igolflex® P-10 GR is one component solvent base, bitumen varnish, used as primer for bituminous membranes. Sika® Igolflex® P-10 GR when cured creates a black, glossy waterproof film, with excellent adhesion and high surface penetration.

USES

- Primer for bonding bituminous waterproofing membranes
- Waterproofing and protection of concrete constructions
- Protecting wooden surfaces submerged in the ground against humidity

FEATURES

- 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	18.0 kg metal pail	
Colour	Black	
Shelf life	24 months from date of production	
Storage conditions	The product must be stored in the 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. Always refer to packaging.	
Density	0.95 (± 0.03) kg/l _t at +20 °C	
Flash point	>250 °C	
Viscosity	73 sec (at +25 °C)	(ASTM D 41)

TECHNICAL INFORMATION

Penetration depth	100 gr / 5 sec (at +25 °C)	20 – 25 mm	(ASTM D41)
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APPLICATION INFORMATION

Consumption	Substrate	Consumption
	Concrete	0.25 – 0.30 kg/m ² per layer
	Metal	0.10 – 0.15 kg/m ² per layer
The consumption depends on the porosity and the structure of the substrate.		
Ambient air temperature	Minimum	+5 °C
	Maximum	+35 °C
Substrate temperature	Minimum	+5 °C
	Maximum	+35 °C
Tack free time	>120 min	
Waiting time to overcoating	For every next coat application, the previous one must have cured.	

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

- Sika® Igitflex® P-10 GR is not permanently resistant to UV
- Do not apply the Sika® Igitflex® P-10 GR during rain
- Protect freshly applied Sika® Igitflex® P-10 GR from rain, frost and in general adverse weather conditions until fully hardened

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® Igitflex® P-10 GR is <750 g/l VOC for the ready to use product.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Substrate must be clean, free from dust, oil, grease, loose and friable parts. Concrete surface defects, such as voids, holes, honeycombing e.t.c. must be repaired prior to application using repair mortars from Sika MonoTop® / SikaRep® / Sikadur® range of products.

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.

MIXING

Prior to application, stir Sika® Igitflex® P-10 GR gently but thoroughly in order to achieve a homogeneous mixture. For mixing, an electric single paddle mixer (300 – 400 r.p.m.) with a spiral blade can be used.

APPLICATION

Sika® Igitflex® P-10 GR can be applied using a brush, roller or airless spray.

Ensure a continuous, pore free coat covers the substrate. If necessary, apply two priming coats.

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.

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.

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

Sika® Igolflex® P-10 GR
February 2025, Version 03.01
020706301000000130

SikalgolflexP-10GR-en-GR-(02-2025)-3-1.pdf