

Product Data Sheet
Edition 30/03/2016
Identification no:
02 07 02 06 001 0 000014
Sika® Igoflex®-P01

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One-part, solvent-free, bitumen emulsion primer
for bituminous coatings

Product Description Sika® Igoflex®-P01 is a one-part solvent-free bitumen emulsion primer for thick layer bituminous coatings and membranes.

Uses

- Surface consolidation of concrete, mortar and brick substrates
- Improves the adhesion of solvent-free bituminous coatings and membranes

Characteristics / Advantages

- Applied by brush roller or airless spray
- Supplied ready to use
- Good penetrating ability into concrete and mortar substrates
- Quick drying
- Solvent free, non-flammable
- Can be applied on both dry and slightly damp surfaces

Product Data

Form

Appearance / Colour Brown-black liquid

Packaging 10 litre metal pail

Storage

Storage Conditions/ Shelf-Life 12 months from date of production, if stored properly in unopened and undamaged original sealed packaging. Store in dry conditions between +5°C to +35°C.

Technical Data

Chemical Base Polymer-modified bitumen emulsion

Density 1.0 kg/l

Curing Speed / Rate Surface - dry after approximately 30 minutes (at +20°C).
Dependent on the ambient temperature, substrate temperature, relative humidity and thickness of the coating applied.

Solids Content ~ 20% by vol.

Water Content ~ 80% by vol.

Bitumen Content ~ 20% by vol. of the solids content

Viscosity Liquid



System Information

Application Details

Consumption / Dosage	~ 0.20 litres /m ² on typical concrete surface (varies according to substrate porosity).
Substrate Quality	Substrate must be uniform, dry, free of dust, oil or grease and loose or friable particles. Surface defects such as blowholes, voids, honeycombing, etc., in the concrete surfaces must be repaired with suitable Sika mortars prior to application.
Substrate Preparation	Repair damaged bituminous substrates with Sika® Igoflex®-620 products. Rinse concrete surfaces with clean water. Clean contaminated substrates by suitable means including steam cleaning, high pressure water jetting, etc., to achieve a suitable substrate surface quality as outlined above.

Application Conditions / Limitations

Substrate Temperature	+5°C min. / +35°C max.
Ambient Temperature	+5°C min. / +35°C max.
Substrate Moisture Content	Slightly damp - no standing water

Application Instructions

Application Method / Tools	<i>Spray application:</i> <ul style="list-style-type: none">- Use airless spray equipment for high viscous liquids with a feed pressure of ~ 4 bar- Pressure at gun ~ 2.5 bar- Apply in one coat- Do not mix the product with other materials <i>Manual application:</i> <ul style="list-style-type: none">- Apply by brush or roller
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Cleaning of Tools	Clean all tools and application equipment with water immediately after use. Hardened Sika® Igoflex®-P01 can be removed with Sika® Colma - Cleaner.
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Waiting Time / Overcoating	~ 1 hour at +20°C Dependent on the ambient temperature, substrate temperature, relative humidity and the thickness of coating applied.
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Notes on Application / Limitations	Do not use this product for waterproofing against hydrostatic pressure. Do not apply the product in direct sunlight. Do not apply the product during rain. Protect newly applied material from rain, etc., until fully dried.
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Value Base	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.
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Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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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