

PRODUCT DATA SHEET

Sika® Igoflex®-202

Two part, solvent free, polymer-modified bituminous thick coating with polystyrene fillers

DESCRIPTION

Sika® Igoflex®-202 is a 2-part, flexible, solvent-free, polymer modified bituminous thick coating extended with polystyrene fillers for waterproofing against dampness and moisture ingress.

USES

Sika® Igoflex®-202 is used as a protection and waterproofing membrane for:

- Horizontal reinforced concrete slabs, decks and podiums
- Vertical porous surfaces such as brick and concrete basement walls.

Sika® Igoflex®-202 is used as a protective thick coating against radon gas and as an adhesive for rigid insulation boards.

Please note:

- The Product is not suitable for contact with potable water
- The Product is not suitable for elements exposed to vehicular and pedestrian traffic
- The Product is not suitable for elements exposed to UV radiation

PRODUCT INFORMATION

Composition	Polymer modified bitumen emulsion with polystyrene filler and reactive hydraulic binder.	
Packaging	25 L pail	
Colour	Part A - liquid	Black
	Part B - powder	Grey
	Part A + Part B - fresh	Brownish black
	Part A + Part B - cured	Black
Shelf life	12 months from date of production.	
Storage conditions	The Product must be stored in original, unopened and undamaged sealed	

FEATURES

- Fast curing
- Water impermeable
- Radon barrier
- Fully bonded to prevent water underflow
- Good crack-bridging ability
- Adheres to solid, clean, dry or slightly damp surfaces
- Easy to apply
- Seamless
- Lightweight
- Good workability

CERTIFICATES AND TEST REPORTS

CE Marking and Declaration of performance based on EN 15814:2011+A2:2014 Polymer modified bituminous thick coatings for waterproofing - Definitions and requirements

PRODUCT DATA SHEET

Sika® Igoflex®-202
March 2026, Version 01.01
02070630200000021

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.

Density	Mixed product	0.80 kg/l
---------	---------------	-----------

TECHNICAL INFORMATION

Crack bridging ability	Class CB2	No damage (crack width \geq 2 mm and dry layer thickness \geq 3 mm)	EN 15812
Watertightness	Classe W2A	Pass (\geq 72h at 0.075 N/mm ² for dry layer thickness with inlay \geq 4 mm)	EN 15820
Service temperature	-20 °C to +80 °C (after curing)		

APPLICATION INFORMATION

Mixing ratio	Part A : Part B (by weight)	3 : 1
--------------	-----------------------------	-------

Consumption	The consumption is approx. 1 l/m ² and mm wet layer thickness.		
	Type	Total consumption	Wet film thickness
	Damp proofing	4 l/m ²	4 mm
	Waterproofing	5 l/m ²	5 mm
"Radon tight"	4 l/m ²	4 mm	3 mm

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 the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Layer thickness	2.0 - 2.5 mm per layer
-----------------	------------------------

Substrate temperature	+5 °C to +30 °C
-----------------------	-----------------

Substrate moisture content	Substrate	Test method	Moisture content
	Cementitious substrates	Calcium carbide method (CM Method)	\leq 4%

No rising moisture (ASTM D4263, polyethylene sheet).

Pot Life	+23 °C and 50% relative humidity	60 minutes
----------	----------------------------------	------------

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity. Time are also dependent on layer thickness.

Curing time	+23 °C and 50% relative humidity	2 days
-------------	----------------------------------	--------

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity. Time are also dependent on layer thickness.

Waiting time to overcoating	+23 °C and 50% relative humidity	4 hours
-----------------------------	----------------------------------	---------

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity. Time are also dependent on layer thickness.

Drying time	+23 °C and 50% relative humidity	Touch dry in 2 - 4 hours
-------------	----------------------------------	--------------------------

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity. Time are also

dependent on layer thickness.

SYSTEM INFORMATION

System structure

UNREINFORCED COATING

Layer	Product
Primer	1 x Sika® Igoalflex® P-01
Base coat	1 x Sika® Igoalflex®-202
Top coat	1 x Sika® Igoalflex®-202

REINFORCED COATING

Layer	Product
Primer	1 x Sika® Igoalflex® P-01
Base coat	1 x Sika® Igoalflex®-202
Reinforcement	1 x Sika® Igoalflex® F-01
Top coat	1 x Sika® Igoalflex®-202

Use the reinforcement in areas with high movement (usually > 25 m2), irregular substrates or to bridge cracks, static joints and seams on the substrate as well as for details.

BASIS OF PRODUCT DATA

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

APPLICATION INSTRUCTIONS

EQUIPMENT

Mixing equipment
Electric single paddle mixer (500 rpm)

Application Equipment
Notched trowel (> 4 mm)
Flat trowel
Peristaltic delivery pump for spraying

SUBSTRATE QUALITY

GENERAL

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

Confirm adequate surface preparation and adhesion of the Product, carry out adhesion tests and practical trials before full application.

Where ancillary products are mentioned, refer to the relevant Product Data Sheet.

CEMENTITIOUS SUBSTRATES

Cementitious substrates must be sound with a minimum tensile adhesion strength of 1,5 N/mm². Weak surfaces must be removed and surface defects such as blow holes and voids must be fully exposed. Repairs to the substrate, filling of joints, blowholes, voids and surface leveling must be carried out using appropriate

products from the Sikafloor®, Sikadur® and Sikagard® range of materials. Repair materials must be cured before applying the Product.

Penetrations and structural joints

Note: Additional Sika joint sealing solutions must be used for connections around penetrations and for construction joints

SUBSTRATE PREPARATION

Surfaces must be cleaned and prepared using suitable preparation techniques to provide a clean slightly textured surface. Defects should be repaired with an appropriate Sika® repair mortar. Porous substrates must be primed using Sika® Igoalflex® P-01 or other suitable Sika® primer. Contact Sika® Technical Department for additional information.

Create rounded fillet on plans transitions - i.e. from wall to base slab - with the Product with a max. radius of 2 cm.

MIXING

MIXING PROCEDURE

1. IMPORTANT: Mix full units only using an electric mixer (500 rpm) with adequate single mixing paddle.
2. Add Part B (powder) to Part A (liquid) whilst mixing.
3. IMPORTANT Do not mix excessively. Mix Part A + B continuously for ~3 minutes until a homogeneous, lump-free and pasty mixture is achieved. Note: During this mixing stage, scrape down the sides of the mixing container with a straight edge trowel or spatula at least once to ensure complete mixing.
4. Total mixing time of Parts A + B is at least 3 minutes.

APPLICATION

IMPORTANT

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

PRODUCT DATA SHEET

Sika® Igoalflex®-202
March 2026, Version 01.01
02070630200000021

IMPORTANT

Exposure to UV or weathering. The Product is not resistant to permanent UV exposure or weathering. Contact Sika Technical Services for detailed advice.

UNREINFORCED COATING

Preconditions

Adhesion tests and practical trials have been carried out to confirm adequate surface preparation has been achieved and environmental conditions are suitable for application.

1. Apply the first layer of the Product evenly over the surface using a notched trowel or by spraying with suitable sprayer.
2. Immediately smooth the surface with a flat trowel to fill gaps and voids.
3. Leave the Product for the required waiting time to overcoating. Note: For details on waiting time to overcoating, see Application Information.
4. Apply a second layer of the Product evenly over the surface using a notched trowel or by spraying with suitable sprayer.
5. Immediately smooth the surface with a flat trowel to fill gaps and voids.

REINFORCED COATING

Preconditions

Adhesion tests and practical trials have been carried out to confirm adequate surface preparation has been achieved and environmental conditions are suitable for application.

1. Apply the first layer of the Product evenly over the surface using a notched trowel or by spraying with a suitable sprayer. Please contact Sika Technical Services for additional information.
2. **IMPORTANT** Embedment of the reinforcement overlaps must be a minimum of 100 mm. Embed the reinforcement 'wet on wet' into the base coat.
3. Immediately smooth the surface with a flat trowel to fill gaps and voids.
4. Leave the Product for the required waiting time to overcoating. Note: For details on waiting time to overcoating, see Application Information.
5. Apply a second layer of the Product evenly over the surface using a notched trowel or by spraying with a suitable sprayer.
6. Immediately smooth the surface with a flat trowel to fill gaps and voids.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardened material can only be removed with Sika® Colma Cleaner or mechanically.

LOCAL RESTRICTIONS

Oy Sika Finland Ab

Koskelontie 23 C

PL 49

02921 Espoo

Puh. + 358 9 511 431

Fax. + 358 9 511 43 300

www.sika.fi



PRODUCT DATA SHEET

Sika® Igoflex®-202

March 2026, Version 01.01

020706302000000021

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 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.

Sikalgoflex-202-en-FI-(03-2026)-1-1.pdf