

PRODUCT DATA SHEET

Sika® Igoflex®-205

Two component, cement and bitumen rubber based waterproofing coating

DESCRIPTION

Sika® Igoflex®-205 is a two-part, cement and bitumen rubber based waterproofing slurry. Component A contains the bitumen rubber and component B the reactive powder necessary for accelerated curing.

USES

- Waterproofing and damp-proofing of below ground concrete structures
- Waterproofing of wet room floors and balconies under cementitious screeds
- Protective against damp and humidity
- Foundation base walls against water ingress.

CHARACTERISTICS / ADVANTAGES

- Non-sag on vertical surfaces
- Easy to apply
- Can be applied on dry and slightly damp surfaces

PRODUCT INFORMATION

Composition	Bitumen rubber / Reactive powder	
Packaging	32 kg combi-pails: - liquid 24 kg - powder 8 kg	
Colour	Liquid component : pasty, black Powder component: grey	
Shelf life	12 months from date of production	
Storage conditions	Stored properly in unopened and undamaged original sealed packaging protected from sunlight and freeze. Store in dry conditions between +5°C to + 35°C.	
Density	Bitumen rubber (Part one):	<u>1.02 ±0.02 kg/l</u>
	Mixture:	<u>1.06 ±0.02 kg/l</u>
Solid content by weight	~ 65% ± 3%	

TECHNICAL INFORMATION

Service temperature	-20°C to +60°C
----------------------------	----------------

APPLICATION INFORMATION

Consumption	<ul style="list-style-type: none"> ▪ The product must be applied approx. 1.1 kg/m² for 1 mm thickness. The product can be applied up to 6 mm of thickness for the effect of exposure to water. ▪ The product must be applied 2.0 kg/m² to adhere insulation boards. <p>NOTE: The consumption quantities may vary depending on the application details and surface smoothness, absorption.</p>
Ambient air temperature	+5°C min. / +35°C max.
Substrate temperature	+5°C min. / +30°C max.
Substrate moisture content	Dry or slightly damp - no ponding water.
Substrate pre-treatment	<p>As primer;</p> <ul style="list-style-type: none"> ▪ The product can be dilute 1:10 of liquid compound: 0.20- 0.25 kg/m². ▪ Igasol BC can be used as a primer. <p>NOTE: The consumption quantities may vary depending on the application details and surface smoothness, absorption.</p>
Drying time	As dependent on the ambient temperature, substrate temperature, relative humidity and the thickness of the coating applied approx. 3 days.
Waiting time to overcoating	<p>Before a second coat previous coat must be dry.</p> <p>Dependent on the ambient temperature, substrate temperature, relative humidity and the thickness of coating applied.</p> <p>Protect the freshly applied coating for min. 72 hours from frost.</p>

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

The second coat should be applied after curing of the first coat.

It is recommended to use fleece to improve mechanical properties in large areas, horizontal joints, vertical joints for crack bridging.

The prepared mixture should be consumed up within 1-2 hours depending on the ambient conditions.

Do not apply the product in direct sunlight.

Do not apply the product during rain.

Do not dilute the product.

In case of critical substrates use primer for better bonding.

It should not be applied at temperatures below +5°C or in cases where the temperature is expected to drop below +5°C within 24 hours following application.

The mixture should be prepared only with the liquid and powder components of the product. No foreign substance should be added.

Do not apply on wet and frozen substrates.

The applied product should be protected against dew, frost, etc. until it is totally cured.

The product should be applied on the walls and structural elements which are exposed to the water effect.

For basement waterproofing applications, the waterproofing layer should be protected against mechanical damages by insulation boards, drainage layers or brick wall prior to back filling.

The back filling should be done at least 3 days after waterproofing application.

ECOLOGY, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

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 must be repaired with suitable Sika mortars before coating.

SUBSTRATE PREPARATION

Repair damaged concrete substrates with Sika® repair mortars.

Rinse concrete surfaces with clean water.

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

Prime porous substrates.

APPLICATION METHOD / TOOLS

Manual application:

- Can be applied by brush or by trowel.
- Can be sprayed by appropriate equipment.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product

PRODUCT DATA SHEET

Sika® Igoflex®-205
December 2020, Version 02.01
02070630200000006

Data Sheet for the exact product 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.

Sika Iraq (Sika Trading L.L.C.)

Erbil / Baghdad / Basra

Tel: +96 477 303 74451

info@iq.sika.com

iq.sika.com

PRODUCT DATA SHEET

Sika® Igoflex®-205

December 2020, Version 02.01

020706302000000006

Sikalgoflex-205-en-IQ-(12-2020)-2-1.pdf

