

## PRODUCT DATA SHEET

# Sika® Igoflex®-365 GCC

## RUBBERIZED BITUMINOUS WATERPROOFING EMULSION

### DESCRIPTION

Sika® Igoflex®-365 GCC is a rubberized bitumen liquid emulsion with excellent adhesion, which dries to a tough, seamless, highly flexible, water and vapour proof membrane for concrete structures. Suitable for tropical and hot climatic conditions.

### USES

Sika® Igoflex®-365 GCC is used for:

- Tanking and waterproofing of substructures to provide an impervious membrane
- Floors to provide a "sandwich" membrane in new constructions or as a surface treatment
- Maintenance of many roof types including asphalt felt roofs, lead, zinc, aluminium, concrete, cement, lightweight screeds, timber etc.
- Damp proof membrane for roofs, facade, basements, retaining walls, foundations, etc.

### FEATURES

Sika® Igoflex®-365 GCC provides:

- High rubber content - 15 %
- Excellent adhesion to most building substrates
- Reduced chloride penetration
- Can be applied on damp substrates
- Non sagging
- Single component
- Water based
- Economical, easy to apply, reduces labour cost
- Can be applied on vertical and horizontal areas
- Impermeable to water
- Elastic, seamless, joint free
- Unaffected by high ambient temperature
- Resistant to aggressive soils and contaminated ground water
- Low odour, dries without generating strong vapour

### PRODUCT INFORMATION

Composition	Blend of bitumen and rubber
Packaging	200 L drums
Colour	Dark brown (liquid) Black (dry)
Shelf life	12 months from production date when stored properly in original unopened containers.
Storage conditions	Store in original, unopened and undamaged sealed containers in a cool, dry area under shade temperatures between +5 °C and +35 °C.
Density	~1.01 kg/l (+25 °C)
pH-Value	10 - 11
Solid content by mass	65 % ± 2 (ASTM D2369)

## TECHNICAL INFORMATION

Tensile strength	~0.2 N/mm <sup>2</sup>	(ASTM D412)
Elongation	~1000 %	(ASTM D412)
Chemical resistance	Groundwater, salt solutions, sea water, mild detergents, mild acids and alkalis. Contact Sika Technical Department for further information.	
Adhesion in peel	~4 N/mm	(ASTM D903)

## APPLICATION INFORMATION

Consumption	0.25 - 0.40 kg/m <sup>2</sup> per coat, apply 2 - 3 coats This figure is theoretical and does not include for any additional material required due to surface porosity, surface profile, variations in level and wastage etc.	
Ambient air temperature	+5 °C min. / +45 °C max.	
Substrate temperature	+5 °C min. / +55 °C max.	
Tack free time	~4 h (+35 °C)	
Waiting time to overcoating	Minimum 6 h (+35 °C)	

## 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.

## LIMITATIONS OF USE

Do not apply Sika® Igoflex®-365 GCC during wet weather or when rain is expected.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

All surfaces must be sound, even, free from dust, loose particles and any contamination. May be applied to damp but not waterlogged surfaces.

Hot and very dry, porous concrete surfaces must be primed by diluting Sika® Igoflex®-365 GCC with clean water at 1 : 1 ratio (by weight).

When used as protective coating, all pinholes, cavities, cracks etc. in the substrate must be filled with a suitable Sika® repair mortar.

### MIXING

Sika® Igoflex®-365 GCC must be stirred well before use. Where a single drum is used for prolonged periods, occasional stirring during application is recommended.

## APPLICATION

If a primer coat is applied, allow it to dry before applying subsequent coats.

Apply evenly and in one direction using a brush or roller. A two-coat application is recommended to avoid possible pinholes in the membrane.

Each coat must be allowed to dry before applying the next one.

Protect freshly applied product from rain until it is fully cured.

## CLEANING OF EQUIPMENT

Clean all equipment and tools with water immediately after use. Dampen tools before and occasionally during use to avoid clogging and ease of application.

## LOCAL RESTRICTIONS

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.

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ISO 9001, 14001, 45001 – SGS  
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ISO 9001, 14001 – SGS  
- Sika Saudi Arabia Limited  
ISO 9001, 14001 – TÜV  
- Sika MB Construction Chemicals LLC  
- Sika Construction Chemicals for Manufacturing LLC  
- Master Builders Solutions LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



### Product Data Sheet

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