

PRODUCT DATA SHEET

Sika® Igoflex®-620

(formerly MSeal 620)

RUBBERIZED BITUMINOUS WATERPROOFING EMULSION

DESCRIPTION

Sika® Igoflex®-620 is a dark brown, thixotropic rubberized bitumen emulsion that dries to form a tough, black, seamless, and flexible membrane. It provides damp-proofing and vapour-proofing with excellent adhesion to various substrates. Suitable for use in hot and tropical climates.

USES

- Damp-proofing: Provides an impervious membrane on concrete and brick structures.
- Floors: Used as a sandwich membrane in new construction or as a surface treatment.
- Walls: Suitable for both interior and exterior wall protection.
- Roofs: Acts as a vapour barrier on roof decks and a protective coating over spray-applied insulation.

FEATURES

- High rubber content
- Cold-applied
- Excellent adhesion to most building substrates
- Reduces chloride penetration
- Can be applied on damp substrates
- Non-sag product
- Single-component
- Water-based formulation
- Economical and easy to apply, reducing labour costs
- Suitable for vertical and horizontal surfaces
- Elastic, seamless, and joint-free
- Low odour; dries without releasing strong vapours

PRODUCT INFORMATION

Composition	Bitumen emulsion with added rubber latex
Packaging	200 L drums
Colour	Dark brown
Shelf life	12 months minimum from production date when stored properly
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5 °C and +35 °C. Protect from direct sunlight, heat and moisture.
Density	~1 kg/l (at 23 °C)
Solid content	~50 % (Total solids by weight) ~10 % (Rubber content)

APPLICATION INFORMATION

Consumption	~0.50–0.65 l/m ² per coat (Minimum 2 coats required) Note: The figure is theoretical and intended as a guide only. It does not account for additional consumption due to surface porosity, substrate profile, level variations, or material wastage.
Substrate temperature	+5 °C to 55 °C
Waiting time to overcoating	~6–8 hours per coat Note: Waiting times may vary depending on ambient and substrate conditions.
Drying time	~3–5 days Note: Sika® Igoflex®-620 will take longer to dry sufficiently for over-coating in low temperatures and high humidity.

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.

IMPORTANT CONSIDERATIONS

- Sika® Igoflex®-620 may be applied to green concrete immediately after shutter removal.
- Allow the application to fully dry before getting in contact with water.
- Do not exceed the recommended consumption per application to avoid crazing.
- Protect the application with a polyethylene sheet or screed before proceeding with subsequent activities.

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, and free from dust, loose particles, and contaminants.

Sika® Igoflex®-620 may be applied to damp (but not waterlogged) surfaces.

On hot, dry, and porous concrete, prime the surface by diluting Sika® Igoflex®-620 with clean water at a 1:1 ratio by weight.

When used as a protective coating, fill all pinholes, cavities, and cracks with a suitable Sika® repair mortar before application.

APPLICATION

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

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

Allow each coat to dry fully before applying the next. Protect freshly applied product from rain until fully cured.

CLEANING OF EQUIPMENT

Before Sika® Igoflex®-620 dries, clean tools using soapy water.

Once dried, remove residue by scraping and using appropriate cleaning solvents.

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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Sika Saudi Arabia Limited
ISO 9001, 14001 – TÜV
Sika MB Construction Chemicals LLC
Sika Construction Chemicals for Manufacturing LLC
ISO 9001 – LMS
Sika MB 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.



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