

PRODUCT DATA SHEET

Sika® Igoflex®-079 Mastic GR

BITUMINOUS BASED SEALANT

DESCRIPTION

Sika® Igoflex®-079 Mastic GR is a 1-component thixotropic, solvent based joint sealant.

USES

- Sealing of horizontal and vertical joints
- Sealing of small-sized cracks
- Sealing in cases of difficult areas for bituminous membranes and specially in details (e.g. gutters, vents, e.t.c.)

CHARACTERISTICS / ADVANTAGES

- Very good adhesion on different substrates, such as concrete, wood, metal, bituminous coverings, bituminous felts, e.t.c.
- Ready for use
- Remains plastic even under low temperatures (-20°C)

PRODUCT INFORMATION

Composition	Bitumen, SBS polymers, binder fibers, filler and aromatic hydrocarbons
Packaging	5 kg pails
Appearance / Colour	Paste, black
Shelf life	24 months from date of production
Storage conditions	Store in original, undamaged, unopened, sealed packaging, at temperatures between +5 °C and +35 °C, in dry conditions and protected from direct sunlight and open flames.
Unit weight	1,4 – 1,5 kg/l

APPLICATION INFORMATION

Ambient air temperature	+5 °C min. / +40 °C max. Application of the product is more difficult at low temperatures.
Substrate temperature	+5 °C min. / +40 °C max. Application of the product is more difficult at low temperatures.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Clean and dry, homogeneous, free from oils and grease, dust, loose or friable particles and cement laitance.

APPLICATION METHOD / TOOLS

Sika® Igoflex®-079 Mastic GR is cold-applied using a spatula. In large length joints it can be diluted with petrol then being fed from the container. It is suitable for all common horizontal joints and for small - medium width vertical joints. The dimension of the joint should not be more than 2cm in width and 1,5cm in depth. Otherwise, a closed cell backing rod should be used. The width of the rod should be 30-40% larger than the width of the joint and the installation depth should not exceed 1,5cm. Due to the product's low concentration in solvents, it features minimal shrinkage.

In case of masking tape use, remove it, while the sealant is still soft and before curing has started.

The product begins to form a skin membrane after 24 hours.

FURTHER INFORMATION

Consumption: 130 -140 gr for a 1 cm x 1 cm x 1m joint (depth x width x length)

IMPORTANT CONSIDERATIONS

- The product is not suitable in cases of joints with permanent water immersion.
- It is suitable for all conventional horizontal joints and for small-medium width vertical joints.
- In cases of joints wider than 1 cm, priming with Sika® Igoflex® P-10 GR is necessary.
- The product has minimum shrinkage due to its low volatile content.
- Product must be protected from direct sunlight, using suitable acrylic paints.

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.

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.

ECOLOGY, HEALTH AND SAFETY

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

DIRECTIVE 2004/42/CE LIMITATION OF EMISSIONS OF VOC

According to the EU-Directive 2004/42, the maximum allowed content of VOC (Product category IIA / h type sb) is 750 g/l (Limits 2010) for the ready to use product.

The maximum content of Sika® Igoflex®-079 Mastic GR is < 750 g/l VOC for the ready to use product.

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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