

Igas[®]-Black

Trowel Grade Bitumen Rubber Sealant

Product Description

Igas[®]-Black is a plasto-elastic, bituminous rubber compound in solid form which requires heating to produce a plastic consistency. After application into the joint and subsequent cooling it provides a long lasting seal. Also available is a version for hot climates – **Igas[®]-Black HC**

Uses

Igas[®]-Black is used to provide watertight joints in conditions of permanent immersion such as:

- Water retaining structures
- Tunnels and culverts
- Basements and irrigation channels
- Retaining walls
- Roofing and cladding
- Box culverts

Advantages

Igas[®]-Black is an easy to use and economical joint sealant with the following properties:

- Resists high water pressure
- Suitable for contact with drinking water
- Good resistance to weathering
- Excellent adhesion to concrete, cement : sand mortars and steel surfaces
- Resistant to seawater

Product Data

Type Rubber-bitumen

Colour Black

Packaging 30 kg and 115 kg units

Storage Condition Store in original sealed containers in a cool and dry environment between 5°C and 35°C away from direct sunlight.

Shelf life 12 months from date of production if stored properly in unopened original packing.

Technical Data

Density 1.77 kg/lit

Service temperature -20°C to +50°C (temporary +70°C)

Movement capacity 15% of the average joint width



Application Details

Joint configuration	Minimum joint width - 10mm Maximum joint width - 40mm Width /depth ratio: 1 : 1.5 to 1 : 2 N.B. When using Igas®-Black in conditions of high water pressure, the sealant must be adequately supported and reinforced.
Substrate Preparation	All surfaces must sound, clean, dry and free from all loosely adhering particles
Priming	Refer to Sika® Primer-Chart. Use Igas®-Duro Primer on all surfaces and allow to dry for 4-6 hrs before applying the sealant.
Heating	Heat the solid Igas®-Black in a water bath or in the special Sika-Container (N.B. Do not heat with direct flame). Heat to a temperature of 60-80°C until the material obtains a smooth plastic consistency.
Application	Igas®- Black is applied to the joint by trowel, spatula or hand.
Cleaning	Clean all tools and equipment immediately after use with Sika® Colma-Cleaner.
Remarks	Do not heat over 140°C. Igas®-Black is unsuitable for contact with oils and fuels. If the sealant is not used within recommendations, consult our Technical Services Department Also available: Igas®-Black HC
Notes	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.
Safety	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related 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.



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