

PRODUCT DATA SHEET

Igas[®] Black (eu)

HAND-APPLIED BITUMEN BASE SEALING COMPOUND

DESCRIPTION

Igas Black (eu) is hand applied bitumen base sealant used for sealing joint, crack, to prevent the passage of water/moisture and also used for plugging/stopping where the leakage is a problem. Igas Black (eu) is composed of a special admixture, bitumen and fillers.

USES

- To prevent the passage of water
- Concrete joint sealant for concrete canal, dam, reservoir, flood control
 - Joint or gap between roof & wall, parapet
 - Roof cracks, spalling area

To stop leakage:

- Basement
- Concrete reservoir

CHARACTERISTICS / ADVANTAGES

- Excellent adhesion to concrete, mortar
- Resistance to seawater
- Resistance to alcohol, weak alkali, weak acid

PRODUCT INFORMATION

Packaging	25 kg per carton
Appearance / Colour	Black stiff compound
Shelf life	1 year when unopened
Storage conditions	Store in dry, cool, shaded place
Density	~1.7 kg/L (30 °C)

Joint Design	Joint Width (mm)			
	5	10	15	20
5	0.045			
10	0.09	0.18		
15	0.13	0.26	0.32	
20	0.18	0.35	0.53	0.70
25	0.22	0.44	0.66	0.88
30	0.26	0.53	0.80	1.05

TECHNICAL INFORMATION

Penetration	< 100	(D217(0,1 mm) , +25 °C)
Flow	< 5	(+60 °C 5 hr D1190 (mm))

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate must be clean, sound and free from dust, oil, cement laitance and any loose materials

HEATING

Put Igas Black (eu) with plastic bag in warm water (temperature 60 °C - 70 °C) about 10-15 minutes or until Igas Black (eu) is soft. Take Igas Black (eu) out from plastic. Seal the joint as required

Remark :

Plastic will not melt in warm water and can be peeled from materials.

When putting Igas Black (eu) with plastic bag in warm water , do not allow the plastic bag to come into contact with bottom of warm container, otherwise plastic will be melt.

APPLICATION METHOD / TOOLS

Igas Black (eu) is applied by hand by rolling it to small rod shape. Igas Black (eu) then is pressed by thumb to joints, cracks or gaps of extension roof and wall, parapet or in underwater application by plugging and pressing it to cracks area for 2-3 minutes until the reactive of special admixture has bonded to the cracked area. Normally Igas Black (eu) will bond within 10-15 minutes, in case of damp surfaces it takes about 30 minutes.

Igas Black (eu) may be applied by hand without heating

Maintenance : damage should be repaired if it occurs

CLEANING OF TOOLS

Clean all tools and equipment immediately after use with Sika Colma Cleaner

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LIMITATIONS

Not resistance to oils and fuels

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.

LOCAL RESTRICTIONS

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

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.

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.