

# PRODUCT DATA SHEET

## Igas<sup>®</sup> B new

### HOT-APPLIED ELASTOMERIC CONCRETE JOINT SEALANT

#### DESCRIPTION

A hot applied modified bitumen. It has excellent adhesion property, non-permeable to water mild chemical solutions, ultra-violet resistance and non-flow or dip under direct sunlight.

#### USES

Igas<sup>®</sup> B new is used as follow :

- As sealant and filler for all construction or expansion joints.
- As sealant and filler for weak points and surface cracks on concrete roof.
- Bonding of floor tiles.

#### CHARACTERISTICS / ADVANTAGES

Igas<sup>®</sup> B new possesses the following beneficial properties:

- Remains flexible at low temperatures.
- Non flow or dip under direct sunlight.
- Good weather resistance.
- Waterproof.
- Good adhesion to concrete surface.

#### PRODUCT INFORMATION

|                    |  |
|--------------------|--|
| Chemical Base      | Thermoplastic  |
| Packaging          | 20 kg tin  |
| Shelf Life         | 24 months under good storage conditions and in undamaged containers. |
| Storage Conditions | Store in dry condition, cool, and shaded place.                      |
| Colour             | Black  |
| Density            | 1.10 - 1.16  |

#### TECHNICAL INFORMATION

|                     |  |                  |
|---------------------|--|------------------|
| Chemical Resistance | Resistant to water, saturated salt solutions, mild acids and alkalis |                  |
| Joint Design        | Minimum joint depth:   | 10 mm            |
|                     | Width : depth ratio for expansion joints:                            | 1 : 1 to 1 : 1.5 |
|                     | Width : depth ratio for construction and contraction joints:         | 1 : 1 to 1 : 2.5 |
|                     |  |                  |

## 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.

## LIMITATIONS

- The material is flammable when overheated.
- Softening point : +80 °C - +100 °C (R&B)

## ECOLOGY

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.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

- All surfaces must be clean, dry and free from all loosely adhering particles.
- For treatment of weak points and cracks hack a 'V' shape groove not smaller than 40 mm width and 25 mm depth along the weak point or crack.

### APPLICATION METHOD / TOOLS

1. Igas® B new to pouring temperature range between +150 °C to +200 °C. Avoid localized heating above +230 °C. To achieve good adhesion, temperature Igas B shall not fall below +130 °C at the instance of contact with substrate.
2. Igas® B new can be applied to any thickness in one-time pouring. Allow for 10% shrinkage of hot material at +150 °C on cooling to room temperature.
3. Direct flame torching may be used to remelt applied material for levelling off. Avoid localized flame heating exceeding 10 seconds which would light up the material.

### CLEANING OF TOOLS

Clean all tools and equipment immediately after use Kerosene or other strong solvent.

## LOCAL RESTRICTIONS

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

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#### Product Data Sheet

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## 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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