

PRODUCT DATA SHEET

Igas[®] 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[®] 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[®] 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

Composition	Thermoplastic
Packaging	20 kg tin
Colour	Black
Shelf life	24 months under good storage conditions and in undamaged containers.
Storage conditions	Store in dry condition, cool, and shaded place.
Density	1.10 - 1.16
Solid content	100 %

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

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 EQUIPMENT

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

IMPORTANT CONSIDERATIONS

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

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

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 the exact product data and uses.

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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

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