TECHNO bit

HOT APPLIED JOINT SEALANT



Hot-processable, highly elastic compound made with polymer-modified bitumen

THE WISE CHOICE

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MADE IN EGYPT

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DESCRIPTION

TECHNOBIT JOINT SEALANT Hot-processable, highly elastic compound made with polymer-modified bitumen. For filling joints in landscaping and road construction.

MAJOR FEATURES

- Solvent-free and environmentally friendly.
- Permanent high flexibility.
- Resistant to chemicals.
- High elasticity even at low temperatures.
- May be subjected to load immediately after cooling down.
- Impervious to water.
- Frost-free at least 24 months shelf-life.

USES

- Filling joints in level areas, for example in landscaping or road construction..
- Waterproofing structures against ground moisture (capillary and retained water) and non-standing seepage water.
- Applicable to metals if sufficient grip is evident.
- Suitable for waterproofing of cellar walls, concrete and sand-lime brick foundations as well as all known and suitable mineral substrates.

METHOD OF APPLICATION

Melt **TECHNOBIT JOINT SEALANT** and Sealing Compound in an indirectly thermostatically controlled bitumen melting furnace with stirring unit at temperatures of +150 °C to +180 °C.

- **Joint filling**
  - Pour hot sealing compound into joint using a suitable vessel.
  - Observe joint cross section (as mentioned above). Deeper joints are to be filled in accordingly.
  - Remove excess material using a suitable tool (for example a spatula or trowel).
  - Sand the filler subsequently using fine quartz sand.
  - Unused material may be melted again.

- **Surface coating:**
  - Two coats with a thickness of 1.5 mm, so that complete coat is 3.0 mm thick.
  - In areas at risk of cracking, for example wall-floor-connection, it may be necessary to apply additional layers or add enforcing fabrics, sealing tapes or similar as a precautionary measure.

HEALTH & SAFETY

As with all chemical products, care should be taken during use and storage to avoid contact with foodstuffs, skin, eyes and mouth. If accidentally ingested, immediately seek prompt medical attention. Do not induce vomiting and give copious amounts of water to drink. Keep away from children and animals. Reseal containers after use. Always wear protective clothing and eye protection.

PACKING

TECHNOBIT JOINT SEALANT is packaged in (15 Kgs) Card Board Boxes .

STORAGE & SHELF LIFE

- Varies with product and climatic conditions but is usually in excess of 24 months.
- Keep out of direct sunlight.

Property Method	Typical Value	Test
Specific Gravity	1.3 ±0.1 Kg/L	ASTM D 792
Flash Point	≥ 250 °C	ASTM D 92
Elongation At Break	200% min.	ASTM D 412
Softening Point	≥ 105 °C	ASTM D 36
Working Temperature	+5°C : +40°C	-

TECHNOBIT products are tested at random intervals by independent laboratories to international standards and the results of these tests are available on request. In addition, each batch manufactured is subject to strict quality control procedures to ensure it meets appropriate and applicable standards and/or norms.

- Product Technical specifications may be updated by TechnoBit without prior notice.
- Issue Date of this Techinical Data Sheet is **SEPT / 2025**
  The Information Provided by This Issue Cancels Any Previous Issues.

ISO 9001 OHSAS 18001 ISO 14001