TECHNO bit

MOPPING BITUMEN



High Quality Elastomeric Bitumen for Sealing Buildings (Hot application).

THE WISE CHOICE

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MADE IN EGYPT

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DESCRIPTION

TECHNOBIT MOPPING BITUMEN is an elastomeric, inter-ply mopping asphalt designed for use with guaranteed **TECHNOBIT** Roof Systems.
TECHNOBIT MOPPING BITUMEN is modified with SEBS polymers and blended to meet the high performance requirements for **TECHNOBIT** SBS-modified bitumen roof applications. The heat resistant design of **TECHNOBIT MOPPING BITUMEN** lends demonstrably higher performance characteristics than any standard **ASTM D 312** product.

MAJOR FEATURES

- High flexibility.
- High resistance to standing water.
- Resistance against underground water penetration.
- Creates a continuous, strong and flexible sealing layer.
- High recycling capacity.
- Excellent adhesion to concrete.
- Resistant to chlorides.
- Fast application and drying.

USES

Superior elastomeric sealant in SBS modified bitumen that creates a flexible layer that maintains its continuity even during movements, shocks and Sealing for :

- Roofs, foundation, walls, basements and underground buildings.
- Wet room floors and concrete journeys of bridges.

METHOD OF APPLICATION

- All mopping layers of **TECHNOBIT MOPPING BITUMEN** must be total in coverage without breaks or voids. Care should be taken not to exceed **TECHNOBIT** recommended mopping weight of 1.5kg/m^2 per ply per square; minimum application temperature 218°C .
- Under cold weather conditions [4°C and below including wind chill], special precautions must be taken to ensure that **TECHNOBIT MOPPING BITUMEN** maintains minimum acceptable temperatures at the point of contact with the roofing sheet. **TECHNOBIT MOPPING BITUMEN** must not be overheated to compensate for cold conditions; maximum heating temperature 246°C .
- Use of insulated handling equipment is strongly recommended. During application, the **TECHNOBIT MOPPING BITUMEN** should never be applied more than 1.5 meters ahead of the roll, which should be unrolled continuously at a steady pace. Pressure should be kept on the roll at all times to ensure proper embedment. Air pockets beneath the system or between plies are unacceptable. Any such pockets should be "broomed in" immediately while the **TECHNOBIT MOPPING BITUMEN** is hot enough to facilitate a proper bond.

COVERAGE

- 1.5 kg /m^2 for one layer

PACKING

TECHNOBIT MOPPING BITUMEN is packaged in (20 Kgs) Card Board Boxes .

STORAGE & SHELF LIFE

- Varies with product and climatic conditions but is usually in excess of 12 months.
- Keep out of direct sunlight.

Property Method	ASTM D 6152 REQUIREMENTS	TECHNOBIT MOPPING BITUMEN SPECIFICATION
Softening Point (ASTM D 36)	135°C	85°C
Flash Point (ASTM D 92)	260°C min	260°C min
Penetration (25°C) (ASTM D 5)	20-60 dmm	30-60 dmm
Penetration Change After Heat Exposure	-5 to +12 dmm	-5 to +12 dmm
Tensile Elongation (ASTM D 412)	750% min	900% min
Elastic Recovery (ASTM D 412 modified)	80% min	80% min
Low Temperature Flexibility (ASTM D 3111)	Pass at -7°C	Pass at -20°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.

- ± 10 % variance in the values is accepted.
- 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.

TECHNOBIT SINCE 1951 TECHNOLOGY OF INSULATING MATERIALS