SINCE 1934

TECHNOBIT

TECHNOLOGY OF INSULATING MATERIALS

TECHNOXIDE

HIGH QUALITY OXIDIZED BITUMEN



THE WISE CHOICE

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MADE IN EGYPT

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Description

TECHNOXIDE is high quality, general purpose oxidized bitumen for various applications.

Major Features

- Completely water resistant.
- Highly flexible & durable.
- Chemically very stable.

Uses

- Foundation damp-proofing.
- Built-up roofing systems.
- Roll and pour application of bitumen felts.
- Bonding of SBS modified membranes by hot mop method.
- Sealing of laps and joints of various bituminous felts and membranes.
- Wet area waterproofing.
- Bonding of wooden boards insulation panels.
- Road resurfacing and repair.

Method of Application

- Heat the drum until the TECHNOXIDE starts melting at approximately 130°C. Apply by roller. Squeegee or direct rolling to an average rate of 1Kg/sq. m.
- For hot mop application. The membrane should be applied while pouring to avoid re-cooling.

Packing

- **In Steel Drums** (180 kgs)
- **In Sealed Bags** (17 / 20 / 25 kgs)
- **BituBox** (20 Kgs)

Healthy And Safety

- **TECHNOXIDE** contain no solvent or other toxic material. As it is applied under high temperature extra care should be taken while handling. Use protective clothes including safety gloves, goggles, shoes and outfits. If any splashes against the body. Treat as burn and immediately ruche to medical attention.

- As material expand while heating allow enough space in the drum And never heat while the drum is closed .Open the top completely for full vapors distention. Continuously pick the material with a steel bar to reduce ballooning.

TECHNOXIDE

HIGH QUALITY HOT OXDIZED BITUMEN

Technical Specifications

Property \ Product	115/15	110/30	95/25	90/40	85/25	75/30	75/25	105/25
Softening Point °C	110 - 120	105 - 115	90 -100	85 - 95	80 - 90	70 - 80	70 - 80	100 - 110
Penetration at 25 °C	10 - 20	25 - 35	20 - 30	35 - 45	20 - 30	25 - 35	20 - 30	20 - 30
Specific Gravity at 25°C	1.05 approx	1.05 approx	1.05 approx	1.05 approx	1.05 approx	1.05 approx	1.05 approx	1.05 approx
Flash point °C	min 250 °C	min 250 °C	min 250 °C	min 250 °C	min 250 °C	min 250 °C	min 250 °C	min 250 °C
Solubility in CS2 (wt)%	min 99.8	min 99.8	min 99.8	min 99.8	min 99.8	min 99.9	min 99.9	min 99.9

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.

- ± 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 **MARCH/2026**
  The Information Provided by This Issue Cancels Any Previous Issues.

ISO 9001 OHSAS 18001 ISO 14001