TECHNO bit

FLEX COAT



High Quality Brushable Grade
SOLVENT-BASED Bitumen Prime Coating

THE WISE CHOICE

+20 222 394 167

sales@technogroup-egypt.com
admin@technogroup-egypt.com

+2 010 0375 9160 / +2 010 5084 2230

FACTORY
Zero/ 157 A , Kilo17 - Misr / Bilbis road
El-Mohandsen El-Arab Association,
Al Sharqia, Egypt.

HEAD OFFICE
60-Mahmasha Street Al-Shrabya,
Cairo - Egypt.

MADE IN EGYPT

WWW.TECHNOGROUP-EGYPT.COM

DESCRIPTION

TECHNOBIT FLEX COAT is a solvent based synthetic rubber, modified bituminous liquid compounded with reinforcing fillers, gelling/wetting agents, antioxidants/antiozonants and special additives for enhanced adhesion. When cured, **TECHNOBIT FLEX COAT** forms a rubber like membrane that is able to withstand severe expansion and contraction movements. **TECHNOBIT FLEX COAT** is very elastic and has the capability of bridging over stress cracks. **TECHNOBIT FLEX COAT** adapts easily to irregular contours of the surface being treated to form an excellent waterproof and impervious blanket.

MAJOR FEATURES

- Fast Dry
- Excellent Adhesion
- Tough & Durable Surface

USES

- Is particularly designed for use with polyester reinforced built-up-roofs, the waterproofing of bathrooms and kitchens and for maintenance of existing roofs.
- Is ideal for the waterproofing of concrete walls, floors, bridges and other surfaces requiring a highly flexible coating.
- **TECHNOBIT FLEX COAT** exceeds the performance requirement of ASTM D 4479.

METHOD OF APPLICATION

- **TECHNOBIT FLEX COAT** is applied to the substrate by means of a brush, squeegee or spray. Before application the surface to be treated must be free from dirt, dust, debris, oil and grease.
- Apply Dermaprimer at the rate of 300g/m2. DO NOT OVER APPLY. Brush out well. Allow to cure. Any areas of discolouration should be treated again with primer
- Apply the **TECHNOBIT FLEX COAT** at the rate of 1.25-1.50L/m2. Brush out well. For a two coat application use above method with a spread rate of 1.25L/m2. Allow curing between coats.
- Avoid standing on treated surface with rubber sole shoes. Use leather soled shoes when possible.

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 FLEX COAT is packaged in (15L, 18L) pails and (170L, 200L) drums.

STORAGE & SHELF LIFE

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

Property Method	Typical Value	Test
Liquid Density, kg/L	1.05	-
Viscosity@ 25°C, cP (Brook field)	25,000-40,000 (standard) 8,000-16,000 (low viscosity)	ASTM D 5018
Solid Content, %	60	
Flash point, (COC) °C	≥40	ASTM D 92
Nonvolatile Matter, %	60-70	ASTM D 6511
Elongation of cured film, %	>350%	ASTM D412
Cold Flexibility @ -20°C	No cracking	ASTM D 4479
Heat Resistance, 60°C	No sagging	ASTM D 6511
Adhesion to dry surface	Excellent	
Resistance to UV rays	No erosion or cracking	ASTM G-53
Resistance to salts	Excellent	-
Resistance to mild acid / alkalis	Excellent	-
Softening Temperature	+70˚C	
Service temperature	+5°C to +35°C	-
Shelf life	1-year	-
Toxicity	Non-toxic when cured	-
Drying times	Touch dry, 2-3h cure, 6-12h	-

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 **OCT / 2024**
  The Information Provided by This Issue Cancels Any Previous Issues.

ISO 9001 OHSAS 18001 ISO 14001