TECHNOBIT

PRIMER WB TS5



High Quality Brushable Grade
Water-Based Bitumen Prime Coating

THE WISE CHOICE

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MADE IN EGYPT

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DESCRIPTION

TECHNOBIT PRIMER WB TS5 is a brushable, water-based sulphate resistant bitumen coating. It is formed by the anionic emulsification of pliable bitumen and is both stable and easy to apply. It adheres to all types of surfaces and can also be diluted to become a penetrating priming coat for use on porous surfaces.

MAJOR FEATURES

- Is ecofriendly as it is water based
- It doesn't need extra heat while placing
- There is no wastage in placing and laying of bitumen
- Bitumen Emulsion is also used in soil stabilization in desert areas
- They possess anti-stripping properties

USES

- General purpose damp proof coating for concrete.
- Waterproofing and protective coating for basements, foundations and retaining walls.
- A maintenance coating for roofs and walls over concrete or metal surfaces.
- Bonding and priming coat for a variety of bitumen-based waterproofing systems, whether liquid, felts or membranes.

METHOD OF APPLICATION

The surface to be treated must be free from dirt, debris and scale and should be thoroughly saturated with water.
Application of **TECHNOBIT PRIMER WB TS5** can be done with a brush, roller or be sprayed or squeegee on horizontal surfaces.
Thoroughly stir before application.
As a priming coat **TECHNOBIT PRIMER WB TS5** can be diluted with 15-20% in fresh clear water.
Allow 2 to 4 hours for drying before applying the membrane.
As a Protective Coating the first coat should be diluted with 20-30% in fresh clear water.
Allow 2 to 4 hours for drying, then apply a second coat on the prepared surface diluted with 5-10% in fresh clear water.
As a liquid system the first coat to be applied as a priming coat.
Allow 2 to 4 hours for drying, then apply a second coat on the prepared surface. If the surface is to be topped with concrete, it is recommended that it should be lightly sprinkled with sand as soon as it is laid, which will act as a protective layer. Excess sand should be brushed off prior to laying the screed.

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.

COVERAGE RATE

As a Primer : 0.4-0.5 kg/m^2 (One Coat only)
As a Protective Coating : 0.2-0.3 kg/m^2
Note : Coverage rate takes no account of wastage and may vary according to surface condition and application method.

PACKING

TECHNOBIT PRIMER WB TS5 is packaged in (10Kg, 20Kg) Plastic pails, (20 Kg) Metal pails and (180Kg, 200Kg) drums.

STORAGE

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

Property Method	Typical Value	Test
Colour	Brown Dries to Black	-
Density @ 25°C, g/L	1050	ASTM D 2939
Residue by evaporation,% (Solid Content)	50 ± 5	ASTM D 2939
Ash content, max, %	10 ± 2	ASTM D 2939
Drying time [Firm set , H]	Touch dry, 2-4h Full dry, 6h	ASTM D 2939
Heat Test @100°C	No Blister , Sag or Split	ASTM D 2939
Flexibility @0°C	No cracking	ASTM D 2939
Resistance to water	No Blistering or Re-Emulsification	ASTM D 2939
Direct Flame Test	Coating Shall Char in Place	ASTM D 2939
Service temperature	-20°C to +60°C	-
Adhesion to dry surface	Excellent	-
Resistance to UV rays	No erosion or cracking	-
Resistance to dry surface	Excellent	-
Resistance to mild acids and alkalis	Excellent	-
Toxicity	Non- toxic when cured	-
Shelf Life	24 Months	-

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 **FEB / 2025**
  The Information Provided by This Issue Cancels Any Previous Issues.

ISO 9001 OHSAS 18001 ISO 14001