TECHNO bit

OXIDIZED BITUPAINT PF4



High Quality Brushable Grade Solvent-Based Oxidized Bitumen Coating

THE WISE CHOICE

+20 222 394 167 / +2 010 0691 9330

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

+2 010 0817 4331 / +2 010 0340 7776

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 OXIDIZED BITUPAINT PF4 is a nontoxic solvent based, cold applied waterproofing coating complying to **BS 6949-91** formulated with a selected petroleum solvent, a stable and superior quality oxidized bitumen and life enhancing additives. The oxidized bitumen residue conforms to **ASTM D 449 type III** On evaporation of the solvent **TECHNOBIT OXIDIZED BITUPAINT PF4** forms a tough Oxidized bituminous film which acts as a waterproofing barrier that resists the attack of weather, salts, mild acids and alkalis. **TECHNOBIT OXIDIZED BITUPAINT PF4** is a one coat application product.

MAJOR FEATURES

- Quick Dry
- Can be sprayed
- Tough surface after drying
- Inert to salts, acids and alkalis

USES

- Is a general purpose waterproofing coating most suitable for the waterproofing of potable water tanks, underground concrete foundations basements, spouts and gutters.
- Is also recommended as a saturant for old bituminous roof surfaces.

METHOD OF APPLICATION

- The surface to be waterproofed should be clean, dry, and free from dust, dirt and debris.
- New concrete should be cured and at least eight days old. If curing compounds have been used remove or check for compatibility. Apply **TECHNOBIT OXIDIZED BITUPAINT PF4** at the rate of 0.50-0.75L/m^2.
- Do not over apply as this will lead to a longer drying time. Brush in well, spread evenly. **TECHNOBIT OXIDIZED BITUPAINT PF4** can be applied with a brush, roller or spray.

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 OXIDIZED BITUPAINT PF4 is packaged in (20L) Metal pail and (180L, 200L) drums.

STORAGE 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
Colour	Black	-
Density @ 25°C, kg/L	0.9-1.02	ASTM D 70
Softening Point, °C	75-85	ASTM D 36
Bitumen Content	55-60%	-
Viscosity, Sec	200-250	ASTM D 1200 Ford No.4
Penetration @ 25°C, 100g 5s	20-40	ASTM D 5
Solubility in trichloroethylene, %	99 (min)	ASTM D 2042
Water content, % vol	<0.05	ASTM D 95
Flash point, COC, °C	> 40	ASTM D 92
Nonvolatile Matter, %	60 (min)	ASTM D 4479
Ductility @ 25°C, cm	10 (min)	ASTM D 113
Service Temperature	+5°C to +80°C	-
Shelf Life	2 years	-
Toxicity	Non-toxic when cured	-
Resistance to UV rays	Excellent	-
Resistance to Salts and Acids	Excellent	-
Resistance to Alkali (10% NaOH)	Good	-
Resistance to NaSO4 (5%)	Good	-
Resistance to Wet Heat (70°C & 80% RH)	Good	-
Coverage rate	0.50 TO 0.75L/m²	-
Drying Times	Touch Dry, 1-2h Fully Cure, 3h (the above times may vary depending on climatic conditions. Test an area prior to application)	-

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

ISO 9001 OHSAS 18001 ISO 14001