



ENITHANE BLK

HIGHLY ELASTOMERIC, HIGH SOLID POLYURETHANE MODIFIED WATERPROOF COATING

DESCRIPTION

ENITHANE BLK is a scientific blend of synthetic resins, selected minerals and fillers modified with Polyurethane. **ENITHANE BLK** is a protective and waterproof coating. It is a high performance coating that dries to elastic, flexible, impermeable waterproof membrane.

ADVANTAGES

- Easy and direct (cold applied) application, no pre heating required.
- Provides an impervious waterproofing membrane that protects concrete structure and brick foundations against chloride and sulphate ions present in soils and water.
- Corrosion resistant and vapor barrier.

RECOMMENDED USES

- Useful as protective coating on concrete and brick foundations, retaining walls, timber, metals, etc.
- Provides a sandwich membrane in new construction and surface treatment on existing slabs.
- Damp – proofing of regular surfaces like concrete and asbestos.
- Provides a key for plaster on difficult surfaces.

TECHNICAL DETAILS

Color	Black
Base Rubber	Modified Polyurethane
Solids Content	85%
Hardness:	Horizontal 35 Shore A D-2240 Vertical 45 Shore A D-2240
Tensile Strength	Horizontal 375 PSI D-412 Vertical 500 PSI D-412
Elongation:	Horizontal 600% D-412 Vertical 500% D-412
Modulus at 100% Elongation	75 PSI D-412
Adhesion, Primed Concrete	20PLI D-903
Permeability (60 mils thick)	10perms D- 1653

CONFORMS TO ASTM C-836 & C-898

SURFACE PREPARATION

The application surface must be clean and free from dust grease and loose particles. All the cracks should be treated by suitable crack filler.

In any conditions never use **ENITHANE BLK** on damp surface. Surface should be dry.

Apply one coat of **ENITHANE BLK PRIMER**, diluting 1kg **ENITHANE BLK** with 2lt XYLENE or any other compatible solvent, on well-prepared surface. **ENITHANE BLK** should be stirred well before use. It is recommended that 1 – 2 coats should be applied depending upon the degree of protection required after the primer coat. Brush, roller or sprayer can apply **ENITHANE BLK**.

METHOD OF APPLICATION

After the primer coat is completely dried apply two coats of **ENITHANE BLK**. It is recommended to apply the 2nd coat after the 1st coat is totally cured. For better results use GLASS FIBRE REINFORCEMENT embedded into 1st coat of **ENITHANE BLK** while still wet. All brushes and tools should be cleaned by water immediately after use.

COVERAGE

The minimum recommended coverage of **ENITHANE BLK** is 1.0L/Sqmt. (1.0 mm w.f.t.). it is recommended to apply **ENITHANE BLK** in 2 coats, at the spread rate 500.00 ml/Sqmt/coat
(Coverage Depends on the porosity of the surface and method of application)

SAFETY

ENITHANE BLK is Flammable and presents some health hazard. As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles

INHALATION: Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

STORAGE

Minimum 18 months in unopened container. Store away from sunlight and preferably below 30°C.

PACKING

ENITHANE BLK is available in 4 Kg, 20 kg pails and 200 kg metal drums.

Technical Support:



& Polymertech UK Ltd.
CN-07468396
United Kingdom

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(ISO 9001:2000)