

POLY PROOF WB

High Build, Bitumen Emulsion Waterproof Coating

PRODUCT DESCRIPTION

POLY PROOF WB is a high solid protective coating, water based bituminous emulsion blended with special high performance water resistance ingredients.

TYPICAL APPLICATIONS

- Perfect protective coating for below ground foundations.
- General waterproofing and damp proofing of regular surface concrete, asbestos & cementitious wall plaster.
- Effective adhesive and bonding agent for insulation boards, cork panels & expanded polystyrene, etc.
- As a damp proof membrane in sandwich construction.
- Protection of metal surface & timber.
- Internal water proofing lining for water storage concrete reservoirs & pipes.
- As a curing compound for freshly laid concrete.

PRODUCT FEATURES

Easy cold application.

- Resists chlorides and sulphate ions attack.
- Vapor barrier and corrosion resistant.
- Single component, non toxic water base.
- Non flammable, easy to handle.

STANDARDS

POLY PROOF WB is tested to the appropriate sections of the following standards ASTM D-2939, D-88, D-244, D-2042, D-5, D-113.

POLYPROOF WB complies with the requirements of ASTM C-309

PROPERTIES

Colour

Black .

Specific gravity

1.04 :t 0.01 Tested in accordance
ASTM 0-2939

Viscosity @ 20°C

1000 - 3000 CPS Tested in accordance
ASTM 0-88

Resistivity against chemicals and salts: resists dilute chemicals (about 7% conc.) salty solutions (about 15-18% conc.).

24 hrs. Max. 1% Tested in accordance to ASTM 0-244
Distillation

A - Penetration @ 25OC/100g Sc 40-90

Tested in accordance to ASTM D-5

b - Ductility @ 25°C 5 Cm/mm.

Min. 40

Tested in accordance to ASTM D-113

Application temperature

5° C - 45° C

Resistance to water

POLY PROOF WB provides an effective barrier to the transmission of liquid water and water vapor.

It is applied as recommended.

Durability

When subject to normal conditions of use, **POLY PROOF WB** will provide an effective barrier to the transmission of liquid water and water vapor for the life of the structure.

GUIDE FOR APPLICATION

Surface Preparation

All exposed metal surfaces should be cleaned of paint, oil, rust and other contaminates to reach a bright metal surface to Sa 2 "/2.

Concrete surface should be clean dry and free from dirt,dust, oil & grease. Loosely adhering particles such as cement latency should be removed.

Shrinkage Cracks, cold pour joints and non - moving structural crack in concrete should be pretreated and sealed with **POLY PROOF WB** putty (**POLY PROOF WB** mixed with cement with the ratio 1:1 by volume)

Primer

For highly porous surface, it is recommended to apply a primer coating consistency of a 1: 1 mixture by volume of **POLY PROOF WB** and water.

Application to horizontal & vertical surface

Apply **POLY PROOF WB** by brush or roller to the surface to achieve a thickness of not less than 200

microns per coat. Take necessary precaution to ensure the membrane is not damaged or punctured.

Where the surface is to receive a floor screed or plaster finish, spray clean dry sand before the second coating is dry to form a keyed surface to the **POLY PROOF WB** coating.

Allow a minimum of 8 hr. drying period before plastering, rendering or laying floor screed.

Application as an adhesive

POLY PROOF WB is suitable for bonding polystyrene, fiber board, cork slabs and light weight tiles.

The two surface to be bonded must be clean, leveled and free from all points of contact.

POLY PROOF WB should be applied to the first surface with a notched trowel.

The second surface should receive one coat of **POLY PROOF WB**.

Leave both surfaces to become tacky, then press the second surface into the notched first surface.

Mechanical fixing should be used where a structural bond is needed.

Repairs

If coating is punctured, over coat **POLY PROOF WB** to restore the continuity of the membrane.

Packaging

POLY PROOF WB is packed in 12 Lt. & 220 Lt. drums.

Coverage

One litre of **POLY PROOF WB** will cover 4m² at a dry film thickness of 100 microns.

Storage

POLY ROOF WB should be stored in shaded ,cool (under 35°C) dry conditions in unopened factory sealed containers.

Shelf Life

Minimum 6 months if stored as recommended.

Health & Safety

- Avoid skin and eye contact.
- In case of eye contact, flush eyes with running water & seek medical advice.
- Harmful if swallowed, do not induce vomiting seek medical advice immediately.
- Keep away from heat.
- In case of skin contact, wash immediately with soap and water, do not use solvent.

Guarantee / Warranty

We warrant our products to be of good quality and manufactured to rigid standards. This warranty is in lieu of any and all other warranties expressed or implied.

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POLYCOO services is free and the company dose not accept liability for any loss arising from it.

TECHNICAL SERVICES

For any further technical advice and recommendation for the use of all **POLYCOO** products, please consult the nearest **POLYCOO** technical office.



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