



PERMA PLAST-O-PROOF



108

LIQUID INTEGRAL WATER PROOFING COMPOUND FOR CONCRETE AND PLASTERS

SPECIFICATION

ASTM C 494 IS 2645

DESCRIPTION

Plast-O-Proof is an integral water proofing compound ideal for use with both Concrete and Plasters. Plast-O-Proof is based on specialised surfactants and synthetic resin which impart superior flow and cohesive properties in concrete and mortars. Use of integral water proofing compounds in concrete and mortar is one of the precautions taken to achieve a waterproof concrete or plaster. It is used to waterproof all types of plaster, concrete, cement punning and brick bat coba systems.

DIRECTION FOR USE

Add Plast-O-Proof in concrete and mortar along with water at the rate of 100 ml per bag of cement. In demanding situations the dosage could be doubled.

ACTION

Plast-O-Proof functions in the following manner:

1) In Concrete:

- It disrupts the capillary network within the concrete mass which could conduct water through concrete.

- It significantly reduces water demand to bring down W/C ratio in the range of 0.45 which generally represents a sound concrete.

2) In Mortar:

- It reduces the possibility of shrinkage cracks.
- It improves adhesive and tensile properties of mortar.

PROPERTIES

Appearance : Dark brown liquid
Sp. Gravity : 1.105 at 20°C
Chlorides : Maximum 2% w/w
Nitrates : Nil
Compatibility : Compatible with all OPC, SRC and Slag cements

DOSAGE

100 ml per 50 Kg bag of cement. In demanding situations dosage can be doubled.

PACKING

Perma Plast-O-Proof is available in packs of 100ml, 200 ml, 500 ml, 1litre, 2 litre, 5 litre, 10 litre, 25 litre and 100 litre.

SHELF LIFE

12 months from the date of manufacture if stored in a cool, dry place in original packing.



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QUALITY ASSURANCE

Should you find the behaviour of the product different from the normal feel or the claims with the literature, stop the use of the product, cordon off all such product and inform Perma with a complaint letter stating the problem, batch number etc. If the product is used in spite of observed variance the responsibility shall be with the user.

The Buyer of the product is responsible for determining the suitability of PERMA products for the Buyer's intended purposes. The product must be installed according to PERMA authorised installation information or instructions in its product literature or on its packaging labels. PERMA shall not be held responsible for defects which arise as a result of poor workmanship, or interference of the product by the use of other incompatible materials installed.

PERMA CONSTRUCTION AIDS PVT. LTD.

611 / 612, Nirmal Corporate Centre, L.B.S. Marg,
Mulund (W) Mumbai - 400 080, INDIA.

Tel.: 91-22-2591 8911 / 2567 4690

Fax : 91-22-2590 3008

E-mail: info@permaindia.com

Visit us at www.permaindia.com

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