

High Performance Integral Waterproofing Liquid for Concrete & Plaster

Description

Mac Proof WPL is specially formulated integral liquid waterproofing compound composed of surface active plasticising agents, polymers & additives. It is used as an additive for cement concrete, mortar & plasters. It makes concrete cohesive and prevents segregation.

Standard Compliance / Specification

Meets the requirements of IS: 2645-2003 and IS: 9103-2000 standards.

Areas of Application

Waterproofing of concrete and sand-cement mortars used in

1. Basements,
2. Roof slabs and screeds,
3. Water tanks
4. External plastering,
5. Bathrooms and balconies,
6. Sumps and drains

Features & Benefits

1. Corrosion resistant - Makes concrete more cohesive, hence protects steel better against corrosion
2. Compatibility – Being a liquid, easily dispersible & compatible with concrete/mortar mixes.
3. Permeability – It reduces the permeability of water into concrete.
4. Strength – The setting time and compressive strength of the concrete remains within the specification limits.
5. Shrinkage – Reduces shrinkage cracks

6. Workability – Improves workability of freshly mixed cement concrete.
7. Durability – Increases durability by improving waterproofing of concrete.

Method of Application

1. Charge cement & aggregates to concrete mixer as per the mix design, mix in dry state for 1–2 minutes.
2. Start addition of 75–80% mixing water & mix for 2-3 minutes.
3. Mac Proof WPL is added as per the recommended dosage into the remaining mixing / gauging water,
4. Then add to concrete mixer & mix for another 2 minutes.
5. Place the concrete or apply plaster, as needed.
6. Cure the applied mortar or concrete as per good construction practices.

Precautions & Limitations

1. Do not add Mac Proof WPL Liquid directly to dry cement & aggregate mix.
2. Maintain water-cement ratio as low as possible.
3. Do not increase the dosage of Mac Proof WPL than the recommendation.

Specifications

S. No	Attributes at 25°C	Specification
1.	Colour	Brown Liquid
2.	pH	Above 6.0
3.	Specific Gravity	1.10-1.20
4.	Viscosity (B4 Cup)	18 Seconds

Dosage

100 ml per 50 kg bag of cement

Packing

5, 20, 50 and 200 litres

Shelf Life & Storage

1. Best before 2 years from the date manufacture when in sealed pack and stored under proper condition.
2. Store in a cool & dry place.

Health & Safety Precautions

1. Use rubber hand gloves & safety goggles, while using Macproof WPL
2. In case of contact with skin, wash with plenty of water.
3. Keep out of reach of children

MACPROOF WPL



Macpac Industries Pvt Ltd.

Head Office:

G-11, Vijay Apartments,
Moghalrajpuram,
Vijayawada-520010,
Krishna District,
Andhra Pradesh,
India

www.ecomac.in

Important Note:

Ecomac products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Ecomac endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.

Telephone:
+91 866 665 9999

Fax:
+91 866 665 7777

e-mail:
info@macpac.in