



WATER PROOF IW+ (Waterproofing component)

Product Description:

WATERPROOF IW+ is specially formulated integral liquid waterproofing compound composed of surface-active plasticizing agents, polymers & additives. It is used as an additive for cement concrete, mortar & plasters. It makes concrete cohesive and prevents segregation.

Recommended Areas:

Waterproofing of concrete and sand-cement mortars used in Basements, Roof slabs, and screeds, Water tanks & water retaining structures, External plastering, Bathrooms and balconies, and Sumps and drains.

APPLICATION

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

Cleaning

All application tools and equipment can be water and detergent after use.

Advantages:

- ❖ Corrosion-resistant - Makes concrete more cohesive, hence protects steel better against corrosion
- ❖ Compatibility – Being a liquid, easily dispersible & compatible with concrete/mortar mixes.
- ❖ Permeability – It reduces the permeability of water into concrete.
- ❖ Strength – The setting time and compressive strength of the concrete remains within the specification limits.
- ❖ Shrinkage – Reduces shrinkage crack development in plaster & concrete.
- ❖ Workability – Improves the workability of freshly mixed cement concrete.
- ❖ Durability – Increases durability by improving the waterproofing of concrete.



Packaging:

- ❖ 5kg

Colors:

- ❖ Wine red

Shelf Life:

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

Coverage:

- ❖ 23-25 running meter/kg (for a depth of 5mm and width of 5mm)

Technical Data:

S.NO	PROPERTIES	Results
1	Appearance	Free-flowing liquid
2	Sp. Gr.@25°C	1.04-1.09
3	Nonvolatile content	13.5-14.5%
4	pH value	11.0-14.0
5	Setting time minutes	Passes
6	Chloride content	Max.2.00%
7	Water permeability	Passes
8	Compressive strength N/mm ²	As per the standard

Health & Safety Precautions

- ❖ Use rubber hand gloves & safety goggles, while using Proof LW.
- ❖ In case of contact with skin, wash with plenty of water.
- ❖ Keep out of reach of children.

Other Product Categories available with VBOND as below

- ❖ Premium Tile Adhesives
- ❖ Epoxy Grouts & Unsanded Grouts
- ❖ Micro Concrete and Repair Product
- ❖ Industrial/Precision Grout and Anchors



- ❖ Water Proofing and Injection Grouting Material
- ❖ VB-Ready Plaster
- ❖ Floor Screeds
- ❖ Epoxy Flooring
- ❖ Self-level Epoxy Flooring

Technical Services

Technical assistance information is available by calling the VBOND Technical Service at **+91 96664 96664** or mail us at **vcare@valuebond.in**

Address:

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