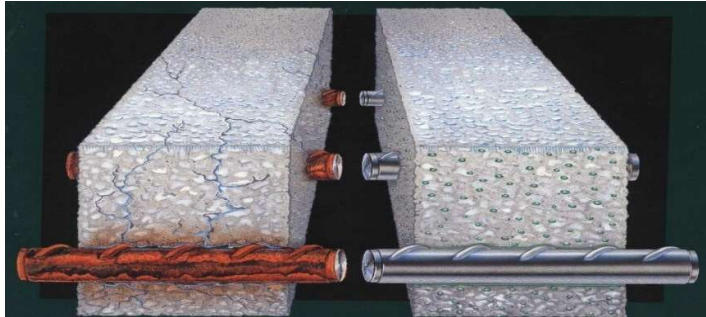


BOND IWC

Liquid Integral Waterproofing Compound for Concrete & Plaster



Effect of HB-BOND IWC

PRODUCT DESCRIPTION

Bond IWC is specially formulated additive composed of cement compatible, surface-active agent, polymers, and additives. It is used as an additive for cement, concrete, mortar, plasters because plasticizing properties, makes concrete cohesive, and prevent segregation. It improves the integral waterproofing properties of cement concrete & plaster after curing.

ADVANTAGES

- To increase workability.
- To increase compressive strength.
- To affect cement economics.
- For hot weather concreting.
- For waterproofing of concrete and mortar.
- Compatibility
- Cohesiveness
- Durability
- Breathing
- Permeability
- Economics
- Strength
- Shrinkage

APPLICATIONS

Waterproofing of concrete and sand-cement mortar used in:

- Basements
- Roof slabs and screeds
- Water tank and water retaining structures
- External plastering
- Bathroom and Balconies
- Sumps and drains

PRODUCT SPECIFICATION

PROPERTIES	RESULTS
Appearance	Free flowing thin liquid
Color	Brownish red
Specific Gravity	1.06±0.03 gms/cc
Non-volatile content	11±0.5%
pH	11.0 – 13.0
Setting times	Initial – 160: Final – 280 (minutes) (IS 2645: 1975)
Compressive strength	Equal to control (IS 2645: 1975)
Chloride content	0.002% (IS 2645: 1975)
Water permeability	<40% of control (IS 2645: 1975)

APPLICATION METHOD

- Charge cement and aggregates to concrete mixer as per the mix design, mix in dry state for 1-2 minutes.
- Start addition of 75%-80% mixing water & mix for 2-3 minutes.
- BOND IWC is added as per the recommended dosage into the remaining mixing / gauzing water, then add to concrete mixer & mix for another 2 minutes.
- Discharge the concrete / plaster for application.
- Cure the applied mortar or concrete as per good construction practices.
- Bond IWC 200 ml Per 50 Kg Bag of Cement + Aggregates Mixture.

PACKING

20 LTR Cans Packing

PRECAUTIONS

- Do not add Bond IWC directly to the dry cement & aggregates mix.
- Maintain water cement ratio as low as possible.
- Do not increase the dosage of Bond IWC than recommendation

STORAGE & SHELF LIFE

Store in a cool and dry place. Keep away from direct heat and sunlight.
12 Months from the date of Manufacture in un-opened pack.

HEALTH & PRECAUTIONS

- Health Hazards – No hazards known. In case of skin contact, some irritation may occur.
- Skin contact – Wash skin with soap and water. Remove contaminated clothes.
- On eye contact – Immediately splash eyes with plenty of water. Consult physician if irritation persists.
- Ingestion – Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

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