

WATERBLAZER IWL

Liquid Integral Waterproofing Compound

Product Description:

WATERBLAZER IWL is single component, easy to use, chloride free, waterproofing compound which enhances waterproof qualities of concrete and cement – sand mortar/plaster when mixed with it. It acts as a normal water reducing agent, improves workability at certain level and minimize segregation and bleeding. Secondly it reduces permeability of water through the capillaries and fills surface pores and reduces surface absorption of water.

Application Areas:

- In all general mass concrete works for waterproofing and good quality concrete – floor and roof slabs, basements, tanks, balcony, water retaining walls and sewerage works.
- In all cement/sand mortars for external and internal plasters, roof screeds, plasters of water tanks, reservoirs and basements.
- In all structural concrete members – precast elements, column, beams & bridge elements.

Benefits:

- One pack, ready to use at site.
- Easily disperses in gauging water.
- Compatible with other admixtures.
- Improves workability.
- Allows water reduction while maintaining workability.
- Reduces permeability of concrete/mortar.
- Minimize porosity, honeycombing resulting in dense and compact concrete.
- Reduces surface absorption of water.
- Chloride free - does not attack reinforcement.
- Nontoxic
- No practical Effect on setting time of concrete and mortar.
- No effect on strength of the concrete.

Typical Properties (Technical Characteristics)

Appearance :	Free flowing liquid.
Colour :	Dark brown.
Density at 30°C :	1.05 ± 0.01
Chloride content :	Less than 0.05% as per IS 2645
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Permeability to water:	Passes as per IS 2645
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Direction for use:

WATERBLAZER IWL can be added directly with gauging water during mixing operation. Addition of WATERBLAZER IWL allows reduction of approximately 12 to 15 % of mixing water without affecting the workability of concrete mix.

Mix should be rotated thoroughly at last for two minutes before placing in the forms and normal concreting specifications should be followed.

Dosage:

The dosage recommended is 200 ml per 50 kg bag of cement.

Precautions:

The quality of gauging water should be properly adjusted considering reduction due to addition of WATERBLAZER IWL.

Packaging:

1, 5, 20 liter.

Storage & self life:

Store in unopened condition at cool & dry place away from heat. Shelf life is two year when stored at normal ambient temperature.

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