

Technical Data Sheet

PRIMEPROOF IWC - 100 Integral Waterproofing Liquid For Cement Concrete & Mortars

SHOOLIN

DESCRIPTION

PRIMEPROOF IWC- 100 is a liquid integral waterproofing additive(Admixture) for cement , concrete and mortar. The waterproofing constituent of the PRIMEPROOF IWC – 100 does not dissolved in water in which it is added and remains hardened concrete as a permanent constituent. One of the constituent is water reducing agent which allows the reduction of water content of the concrete mix thus increasing the strength of the concrete while maintaining the workability. It does not alter the setting time of the concrete mortar.

FEATURES / ADVANTAGES

- Increases workability of the concrete mix.
- Reduces capillary action.
- Reduces vapor transmission through walls and slabs
- Nontoxic.
- Does not corrode the reinforcement.
- Makes concrete water light.

CHARACTERSTICS

- **Nature:** Single component, Liquid
- **Color:** Light Brownish
- **Specific Gravity at 30°C. :** 1.150±0.020 gms/cc
- **Consistency:** Medium Viscous Liquid
- **Compatibility:** Compatible with all types of admixtures & can be used with all Portland cement grades.
- **Air entertainment:** Approximately 2% additional air over control concrete
- **Chloride content:** Nil, according to BS-5075 PART 1 & IS 6925

APPLICATIONS

- Used in mass concrete
- Foundation walls.
- Floors
- Cement stucco
- Masonry mortars

ENGINEERING DATA

Specification Complies:

- Product meets the Indian standard Specifications IS:2645-2003. And American Standard Testing Materials ASTM C – 494, Type A & D

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DIRECTIONS FOR USE

1.DOSAGE

Stir well the material before use.

Dose of 100 ml per 50kg.bag of cement is usually sufficient to produce water light concrete or mortar. Dose can be redesigned and tested by normal trial batch methods. Add Primeproof IWC – 100 to the mixing (gauging) water. Water content should be reduced accordingly to achieve the most effective waterproofing and strength of the concrete / mortar.

2.CLEANING OF TOOLS & EQUIPMENTS

Tools and Equipments can be cleaned with water.

3. STORAGE AND SHELF LIFE

Store the material at a cool & dry place (at 25°C. temp. & 50% RH). Shelf life is two years.

4. PACKING

- 100 gm.
- 200 gm.
- 1 Kg.
- 5 Kg.
- 20 Kg.

PRECAUTIONS

- Do not mix with dry cement
- Add to mixing (gauging) water