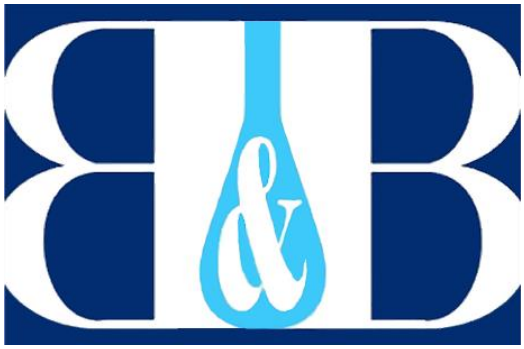


B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-PROOF L

(Liquid Integral Water Proofing Compound.)

DESCRIPTION

Hi - Proof L is an integral waterproofing compound is a water-repellent product in liquid form containing no calcium chloride and is recommended for use in concrete and cement plastering in the construction industry. During the preparation of concrete, in spite of right composition, small voids called 'capillary pores' are formed in the process of adding water to achieve the required compactness and workability. "Due to these capillary pores, concrete is permeable to water. Hi - Proof L contains such chemicals that cause contraction of the capillaries thus converting the water absorbing capillary forces to water-repellent forces. Hi - Proof L in other words is a special formulation which prevents passage of water, through pores and capillaries of concrete thus providing excellent water proofing protection against rain, moisture, dampness etc. It is used for all types of concrete to prevent water penetration and provide concrete with long-lasting waterproofing property. It has good plasticizing properties, makes concrete cohesive and prevents segregation.

USES

Used for all types of concrete/mortars requiring water impermeability.

Ideal for water proofing of foundations, terraces, reservoirs, bathrooms, swimming pools, water tanks, etc.

Construction exposed to aggressive weather conditions like towers, concrete roofs, etc.

PACKING

Hi - Proof L is packed in 1 lt, 5 lt, 20 lt and 50 lt plastic containers.

DOSAGE

Add 100 ml of Hi - Proof L per 50 kg bag of cement or 0.2% by weight of cement.

DIRECTIONS FOR USE

Add Hi - Proof L directly to the gauging water and mix as usual practice to completion. Do not add directly to the cement.

ADVANTAGES

- Resist water penetration and capillary absorption into the concrete/ mortar.
- Provides protection against rain water or moisture.
- Does no change the setting time nor adversely affect the properties of concrete.
- Free from chlorides.
- Enhances the strength of concrete / mortars.
- Economical in application.
- Increase durability.
- Disperses quickly and makes a homogeneous mix.
- Makes the reduction of water, cement ratio possible.
- Allows normal breathing of concrete / mortar.
- Improves concrete cohesiveness and prevents segregation and bleeding.

TECHNICAL DATA

Form	: Liquid
Color	: Grey
Sp. Gravity at 250C	: 1.02 + 0.01
pH	: 12 to 13
Chloride Content	: Nil
Sulphate Content (as SO4)	: 0.10%

STORAGE

Temperature: Store the product in a cool, dry place with a temperature range of 5°C to 35°C (41°F to 95°F). Avoid exposure to direct sunlight or extreme heat.

The product has a shelf life of 12 months from the date of manufacture.

Humidity: Protect the product from excessive humidity and moisture. Keep the containers tightly sealed to prevent the entry of moisture, as it can affect the performance of the admixture

LIMITATIONS

Do not add Hi - Proof L directly to the cement.

STANDARD COMPLIANCE

HI-PROOF L complies complies with **IS 9103 1999(2018).**

This Product is Formulated and Labeled and Commercial use only

For Best Results and Safest Usage, User is Specialty Directed to Consult.

Product Warranty: All recommendations, statements and technical data contained herein are based on tests we believe to be reliable and correct, HI BOND warrants its products to be free of m fg. Defects and that, at the time and place of shipment, our material will meet current published physical properties when applied within HI BOND'S directions and tested in HI BOND'S standards. HI BOND'S facility is limited to replacement of material found to be defective. As HI BOND has no control over the u e to which others m ay put its products. It is recommended that the product be tested to determine if suitable for a specific application and / or our inform at ion is valid in particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, applications and proper installation of each product. Nothing contained herein shall be construed to be a recommend at on to use or as a license to operate under or to infringe any existing patents.