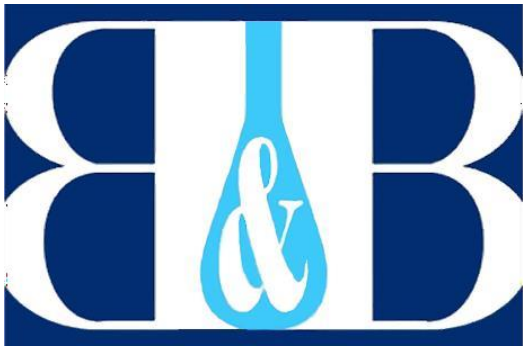


B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-FORZA HCT-5

(High-range water-reducing admixture)

DESCRIPTION

HI-FORZA HCT-5 is a high-range polycarboxylate-based water-reducing admixture formulated to produce concrete with very low water-cement ratios. It is designed to provide extended slump retention and high workability without segregation, while promoting high early compressive-strength development. HI-FORZA HCT-5 contains no added chlorides and does not promote corrosion of reinforcing steel.

USES

HI-FORZA HCT-5 is recommended for use in:

- Concrete requiring high-early compressive strength development
- Concrete where high flowability, increased stability and durability are needed.
- Producing self-consolidating concrete (SCC) mixtures.
- Concrete with varying water reduction requirements (5-40%).
- Applications requiring workability retention.

ADVANTAGES

- Excellent early strength development
- Superior slump retention
- Enables consistent manufacture of self-consolidating concrete
- Consistent air management
- Optimum setting time
- Less QC support
- Dosage flexibility

SAFETY

During use, avoid contact with the skin and eyes. Wear protective gloves and eye protection when handling the product. In case of contact with the eyes rinse with plenty of fresh water and seek medical advice.

PACKING

HI-FORZA HCT-5 is available in 225 kg HDPE Barrels.

Technical Data

Appearance	: Light to pale yellow
Form	: Liquid
Odor	: Odorless
pH Value	: 5-7
Chloride Content	: Nil

DIRECTIONS

Dosage: HI-FORZA HCT-5 is an easy to dispense liquid admixture. Dosage rates can be adjusted to meet a wide spectrum of concrete performance requirements.

Addition rates for **HI-FORZA HCT-5** can vary with the type ofapplication, but will normally range from 0.5 - 2.5% by weight of cementations materials.

Should conditions require using more than the recommended addition rate, please consult your Hi-Bond representative.

Trial mixes should be run to verify plastic and hardened performance with local materials. Over dosage may cause delay in the setting time.

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.

SHELF LIFE

1 year in original, unopened container.

PACKING

HI-FORZA HCT-5 is available in 225 kg HDPE Barrels.

STANDARD COMPLIANCE

HI-FORZA HCT-5 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 mfg. 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.