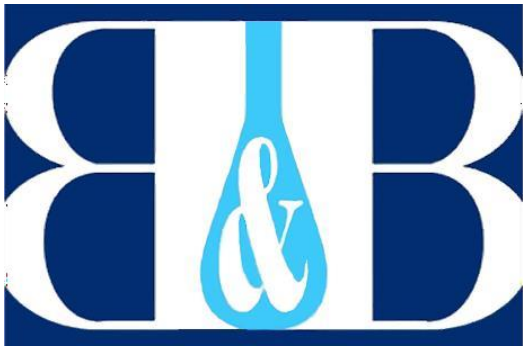


B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-FORZA MRJ-5

(Mid-range water-reducing admixture)

DESCRIPTION

HI-FORZA MRJ-5 is a mid-range polycarboxylate-based water-reducing admixture formulated to provide controlled water reduction, improved workability and extended slump retention in concrete. Its dispersing action reduces water demand while maintaining a cohesive and pumpable mix with good finishability. HI-FORZA MRJ-5 is suitable for normal and medium-strength concrete applications where consistent workability and stable performance are required. It contains no added chlorides and does not promote corrosion of reinforcing steel.

USES

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

- Ready-mix concrete requiring moderate water reduction.
- Pumped concrete requiring improved workability and finishability.
- Normal and medium-strength concrete applications.
- Concrete requiring controlled slump retention during transport and placement.
- Mixes requiring good cohesion and consistent surface finish.

ADVANTAGES

- Controlled water reduction
- Improved workability and slump retention
- Better pumpability and placement
- Good cohesion with reduced segregation
- Improved concrete finishability
- Consistent setting characteristics
- 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 MRJ-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 MRJ-5 is an easy to dispense liquid admixture. Dosage should be selected according to the required water reduction, workability and slump retention.

Addition rates for HI-FORZA MRJ-5 will depend on the mix design, cementitious materials and required performance. The optimum dosage should be established through laboratory and site trials.

Where conditions require dosage outside the established trial range, 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 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 MRJ-5 is available in 225 kg HDPE Barrels.

STANDARD COMPLIANCE

HI-FORZA MRJ-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.