B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-FORZA AAC

(PCE based High Range Water Reducing Admixture for Pavers & Blocks)
(Wet Mix Method)

Description

Hi-Forza AAC is special formulated multipurpose superplasticizer based on polycarboxylate ether polymers. Developed for AAC blocks and Paver Blocks with low cement content. Hi- Forza AAC is chloride free & provides excellent compacting support for the Semi-Dry concrete mixes. It is Compatible with all types of cement mixes along with mineral aggregates. It accelerates the strength development and reduces the cycle time whilst the appearance is maintained or even improved.

The unique principle of action on the cement grain is that Hi-Forza AAC fully exploits the hydration potential of cement resulting in higher early strengths and shorter curing times.

Uses

AAC Blocks
Pavers
Pre-Cast Elements
Plain cement tiles
Concrete poles & pipes

TECHNICAL DATA

COLOR	: light to Pale yellow
Form	: Liquid
Specific gravity	: 1.05±0.02
PH	: Min 6

Packing

5 kg, 20 kg, 50 kg and 225 kg.

ADVANTAGES

- Shorter curing & cycle time
- Increased early & later age strength
- Increased productivity
- Improves surface finish
- Minimizes damage
- Reduced water absorption
- Applicable for all Portland and Slag cements.

DOSAGE

Dosage rates will vary depending on the materials used, Ambient conditions and the requirements of a specific project. Optimum dosage of Hi-Forza AAC should be determined with trial mixes. Dosage Rate: 0.3-1.0% of cementations material. Due to variations in concrete materials, job site conditions and applications, dosages outside of the recommended range may be required. In such cases, contact your Supplier. Over dosage may cause delay in the setting time and segregation.

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.

STANDARD COMPILANCE

HI-FORZA AAC 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.