B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-FORZA 153S

(High Performance Super Plasticizing Admixture For Pavement Quality Concrete)

DESCRIPTION

Hi-Forza 153S is a uniquely developed Polycarboxylate Ether concrete admixture formulated with selected organic compounds. It features as a brown liquid that has the ability to disperse in water instantly. It is an exclusive plasticizer that correlates with both water reduction and slump retention which promotes production of reduced permeability and high quality concrete.

USES

Hi-Forza 153S is recommended for use in floor slabs, foundation and slender components with packed reinforcement and pavement quality concrete for Roads, Bridges Decks, Jetty etc.

ADVANTAGES

- High Early Strength
- Reduces Permeability
- Longer periods of workability
- Improves Cohesion
- No Shrinkage effects
- Ease in Finishing Concrete

Packing

Hi-Forza 153S is a single component material packed in 225 kg HDPE Barrels.

TECHNICAL DATA

Color	: Brown
Form	: Liquid
Appln Temp	: >5°C
Specific gravity	: 1.12 ± 0.02
PH	: 7.5-9.5
Chloride Content	: Nil

DOSAGE

The optimum dosage of Hi-Forza 153S to meet specific requirements should be determined by site trails using the materials and conditions that will be experienced in use.Addition rates for Hi-Forza 153S generally in the range of 0.4-1.5% by weight of cementitious materials. It is suitable with all types of Portland cements, SRC cements and cement replacement materials such as mineral admixtures. The use of a combination of admixtures in the same concrete mix and or cement replacements may alter the setting time. it is recommended to perform trails that aids in determining the setting time.

Stir well before use.

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 153S complies with **IS 9103 1999(2018).**

This Product is Formulated and Labelled 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 may 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 patent.