B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-PLAST S 50

(High Performance Super Plasticizing Admixture.)

DESCRIPTION

HI-PLAST S 50 is a high range water reducing Admixture. It is brown color liquid based on selected sulphonated naphthalene Polymers. HI-PLAST S 50 Super plasticizer is a superior dispersing admixture having a marked capacity to disperse the cement agglomerates normally found in cement–water suspension. This capability exceeds that of normal water–reducing admixtures, resulting in lower dosages and better control.

USES

To produce concrete with extreme workability characteristics.

To produce free flowing concrete in:- floor slabs, foundations, slender components with packed reinforcements, walls & columns, beams and ceilings.

It is also used as a water-reducer for the manufacturing of Pre-cast concrete elements, bridges and cantilever structures, pre-stressed concrete structures, new generation design concrete tiles.

HI-PLAST S 50 Super plasticizer is ideal for use in any concrete where it is desired to keep the water/ cement ratio to the minimum and still achieve the degree of workability necessary to provide easy placement and consolidation.

TECHNICAL DATA

COLOR	: Brown
Form	: Liquid
Specific gravity@20^{0}C	: 1.16 to±0.015
pH Value	: 7.0-7.5±0.5.
Salt Scaling Resistance	: Excellent
Chloride Content	: 0.0%

ADVANTAGES

- Improved cohesion and particle dispersion minimizes segregation and bleeding and improves pumpability.
- Substantial improvement in workability
- Improved density and surface finish.
- Chloride-free does not attack reinforcement orpre-stressed cables.
- Suitable for pre-cast concrete and other highearly strength requirements

DOSAGE

350ml to 1kg/bag of cement. The optimum dosage should always be determined by trails using the materials and conditions that will be experienced in use.

Hi-Plast S 50 is supplied ready for use and should be added direct to the mix preferably with the gauging water. The concrete should then be mixed for sufficient time to ensure thorough dispersion

PACKING

HI-PLAST S 50 is a single component material packed in 250 kg plastic containers

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 COMPLIANCE

HI PLAST S 50 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, HIBOND 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 HIBOND'S directions and tested in HIBOND'S standards. HIBOND'S facility is limited to replacement of material found to be defective. As HIBOND has no control over the use 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 information 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 recommendation to use or as a license to operate under or to infringe any existing patents.