

B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-HESG 50

(High Water Reducing, Early Strength Gainer Polycarboxylate Ether)

DESCRIPTION

HI- HESG 50 is s a polycarboxylate ether for making Polycarboxylate ether based concrete admixtures requiring high early strengths. It has excellent water reduction, high dispersion and good retardation. It shows high efficiency at low dosage rates. It is designed as 50% solid content for economical transportation & saving costs.

USES

- High fluidity at low water levels
- Achieving high Early Strengths
- Excellent water reducing by dispersing effect
- Less sticky concrete

ADVANTAGES

- Rapid Construction
- Early Demoulding
- High compressive strength by low w/c ratio
- Highly Cost effective
- Increase Flowability
- Higher Impermeability
- Cohesive and Monolithic concrete

STORAGE

Stored in tightly sealed containers at room temperature. Shelf life of properly stored material is one year from the date of manufacture.

TECHNICAL DATA

Color	: Pale Yellow
Form	: Liquid
Odor	: Characteristic
Total Solid	
Contents	: 48±2
Specific gravity	: 1.10-1.12@25°C
pH Value	: above 6
Chloride	: Nil

DOSAGE

HI- HESG 50 has a recommended dosage range of 0.25 ~ 0.9 litres/100 kgs of binders on a basis of undiluted solution. It is well-soluble in water and we recommend to dilute it as your application. The optimum dosage of HI- HESG 50 may depend on specific requirements of concrete properties and materials. So, it is determined by trials using the materials and conditions. To achieve either higher water reduction or longer retention, you may blend with other PCE which has its specific properties. HI- HESG 50 is compatible with Ligno base plasticizer. Do not use blending with SNF base superplasticizer.

PACKING

HI-HESG 50 is packed in 225 kg plastic containers.

STANDARD COMPLIANCE

HI-HESG 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, 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.