

B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-PCE HR50

(High Water Reducing, High Retention PCE for making Polycarboxylate based Admixtures)

DESCRIPTION

HI- PCE HR50 is a Polycarboxylate ether for making polycarboxylate based super plasticizers has excellent water reduction, good flow-ability and High retardation. It shows high efficiency at low dosage rates. It is designed as 50% solid contents for the economical transportation cost saving.

USES

High fluidity at low water levels

Retain the slump longer time

Excellent water reducing by dispersing effect

Low stickiness concrete

ADVANTAGES

Extended Slump Life

High compressive strength by low w/c ratio

Most Cost effective

Increase Flowability

Reduce Bleeding at High slump

Higher durability

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 Color
Form	: Liquid
Odor	: Characteristic
Total Solid	
Contents	: 50%
Specific gravity	: 1.10-1.12@25°C
pH Value	: Above 5
Chloride	: Nil

DOSAGE

HI-PCE HR 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-PCE HR 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-PCE HR 50** is compatible with Ligno base plasticizer. Do not use blending with SNF base superplasticizer.

PACKING

HI-PCE HR 50 is packed in 225 kg plastic containers.

STANDARD COMPILANCE

HI-PCE HR 50 complies with **IS 9103-1999(2013)**

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.