

B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-PCE SR55

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

DESCRIPTION

HI-PCE SR 55 is a Polycarboxylate ether for making polycarboxylate based superplasticizers. It provides excellent water reduction, good flowability and extended slump retention, with high efficiency at low dosage rates. It is designed with 55% solid content for higher active polymer concentration and economical transportation.

USES

High fluidity at low water levels
Retain the slump for longer periods
Excellent water reduction by dispersing effect
Low stickiness concrete

ADVANTAGES

Extended Slump Life
High compressive strength by low w/c ratio
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	: 55%
Specific gravity	: 1.10-1.12@25C
pH Value	: Above 5
Chloride	: Nil

DOSAGE

HI-PCE SR 55 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 may be diluted as required. The optimum dosage of HI-PCE SR 55 may depend on specific requirements of concrete properties and materials and should be determined by trials using the actual materials and conditions. To achieve either higher water reduction or longer retention, it may be blended with other PCE grades having complementary properties. HI-PCE SR 55 is compatible with Ligno base plasticizer. Do not use blending with SNF base superplasticizer.

PACKING

HI-PCE SR 55 is packed in 225 kg plastic containers.

STANDARD COMPLIANCE

HI-PCE SR 55 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.