B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-UHPC +

(High Water-Reducing 50% Solids Hybrid Hyperplasticizer for UHPC)

HI-BOND™
CONSTRUCTION CHEMICALS

DESCRIPTION

HI-UHPC + is a high-performance hybrid hyperplasticizer specially formulated for Ultra-High Performance Concrete (UHPC). It provides high water reduction and excellent flowability with cohesive rheology at very low water-binder ratios while reducing mix viscosity. The formulation supports dense, stable concrete with high strength, improved workability and enhanced durability.

ADVANTAGES

- High water reduction
- Achieves high flowability
- Excellent Viscosity
- High Tensile Strengths

PROPERTIES

HI-UHPC + has a recommended dosage range of 0.8 ~ 2.0 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-UHPC + 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.

TECHNICAL DATA

Colour	:	Pale Yellow
Form	:	Liquid
Specific Gravity	:	1.10 - 1.12
Solid Contents	:	48 - 51%
Solubility in water	:	Dilutable
pH Value	:	Above 6

SAFETY

During use, avoid contact with the skin and eyes. Wear protective gloves and eye protection when handling the product. In case of contact with the eyes rinse with plenty of fresh water and seek medical advice.

PACKING

HI-UHPC + is available in 230kg HDPE Drums.

SHELF LIFE

Shelf life in unopened, undamaged packaging is approx. 12 months. Store in a dry, frost-free place.

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 it s products to be free of m fg. Defects and that, at the t im e and place of shipm ent, our m aterial will m eet current publish ed physical properties when applied within HI BOND'S directions and tested in HI BOND'S standards. HI BOND'S facility is lim ited to replacem ent of m aterial found to be defective. As HI BOND has no control over the u e to which others m ay put it s products. I t is recom m ended that the product be tested to determine if suitable for a specific application and / or our inform at ion is valid in particular circum stance. Responsibility rem ains 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 recommended on to use or as a license to operate under or to infringe any existing patents.