

B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-PCE WR 50

(High Water reducing, High Strength Polycarboxylate Ether.)

DESCRIPTION:

HI-PCE WR 50 is a high performance polycarboxylate ether, specifically developed a high range water reducing agent mainly used as a raw material to produce different types of high performance water reducing polycarboxylate based superplasticizers.

USES:

HI-PCE WR 50 is mainly used as a major ingredient to produce a high-performance water reducers or plasticizers for the following applications

- High performance concrete
- Self-compacting concrete
- Pumpable or flowable concrete
- Concrete containing silica fume, fly ash or blash furnace slag
- Lighweight concrete

ADVANTAGES:

- High water reducing
- Promotes High Early strength
- Good workability
- Increases flowability

PACKING:

HI-PCE WR50 is available in 225kg HDPE Drums.

TECHINCAL DATA:

Color	:	Pale yellow
Form	:	Liquid
Specific Gravity	:	1.10 ± 0.02
Solid Contents	:	50%
Solubility in water	:	Dilutable
pH Value	:	above 6

DOSAGE:

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

STORAGE & SHELF LIFE:

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

STANDARD COMPILANCE

HI-PCE WR50 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 patent.