B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-UHP MIX Powder

(Ready-to-Use Ultra-High Performance Concrete
Dry Premix - Add Water Only
Designed for Strengths of 150 - 160 MPa)

DESCRIPTION

HI-UHP MIX Powder is a factory-controlled, ready-to-use dry premix engineered for Ultra-High Performance Concrete. The bag contains the pre-dosed dry constituents and performance additives required for the mix; only measured potable water is added at the point of use. When mixed, placed and cured in accordance with HI-BOND recommendations, it is designed to produce a dense, highly flowable matrix with compressive strengths in the range of 150 - 160 MPa.*

ADVANTAGES

- Add measured potable water only
- Designed for compressive strengths of 150 - 160 MPa*
- Factory-controlled proportioning for repeatability
- Eliminates site batching of multiple materials
- High flowability with a dense, cohesive matrix

MIXING & APPLICATION

Take the powder into a pan mixer or use a high-speed stirrer. Add 150 grams of potable water per kg of HI-UHP MIX Powder (15% water addition by weight of powder). Mix thoroughly until a flow of approximately 700 mm is observed.
Use complete 25 kg bags wherever possible to maintain the factory-controlled proportioning. Do not add cement, sand, mineral additives or liquid admixtures unless specifically approved by HI-BOND. Final performance depends on accurate water addition, mixing, placement, curing and test conditions.

TECHNICAL DATA

Form	:	Dry premixed powder
Water addition	:	150 g/kg (15%)
Bag size	:	25 kg
Strength	:	150 - 160 MPa*
Mixing	:	Pan mixer / high-speed stirrer
Target flow	:	Approx. 700 mm

SAFETY

Contains fine cementitious/mineral powder. Avoid breathing dust and contact with skin and eyes. Wear protective gloves, eye protection and a suitable dust mask during handling and mixing. In case of eye contact, rinse immediately with plenty of clean water and seek medical advice.

PACKING

HI-UHP MIX Powder is supplied in 25 kg moisture-resistant bags. Use complete bags wherever practical to preserve the factory-proportioned composition.

SHELF LIFE

Shelf life in unopened, undamaged moisture-resistant packaging is approx. 12 months. Store in a cool, dry place, protected from moisture and direct contact with the ground.

*150 - 160 MPa is achieved under recommended 15% water addition, mixing, curing and testing conditions; actual results may vary with site conditions.

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.