



SIDDHI VINAYAK CONSTRUCTION CHEMICAL PVT. LTD.

BOND & GLAZINGTM

AGENT SUPER PLASTICIZER

सिद्धिविनायक का वादा..
मजबूती सबसे ज्यादा...



About

Bond & Glazing is high quality high range concrete superplasticizer for precast industry. On addition to concrete, it disperses the cement particles, by which it enhances the workability by many folds and gives good retardation.

Description

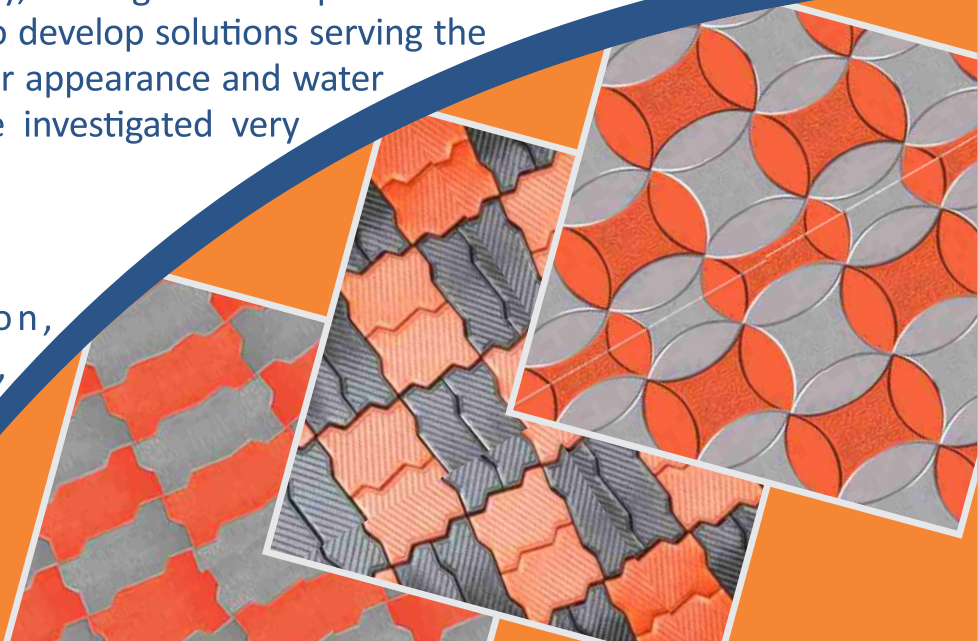
Is high quality high range concrete superplasticizer for precast industry. On addition to concrete, it disperses the cement particles, by which it enhances the workability by many folds and gives good retardation. The precast concrete industry manufactures large quantities of finished concrete products with high quality surface appearance and excellent durability. Select combinations of process and concrete technology are employed to efficiently manufacture precast concrete products of various shapes, textures, and colors. Due to the high durability requirements and rapid industrialized production process, it is necessary to achieve a high degree of compaction in as short a time as possible. Bond & glazing significantly improves both the manufacturing process as well as the quality of precast concrete products.

Key for efficient precast concrete production is the targeted combination of fresh concrete with a high degree of compactability as well as yielding instant shape accuracy following compaction, meaning a high green strength. The surface appearance of finished precast concrete products plays an important role since appearance as a mark of quality is the producer's calling card. On the one hand it is of vital importance to achieve a high degree of compaction since this has a direct influence on the surface appearance. On the other hand, it is possible to reduce efflorescence with Bond & Glazing as the hydrophobic action of Bond & Glazing prevents water absorption and water transport in any capillary pores, which effectively reduces efflorescence.

Different degrees of compaction and quality within the production process result in significantly changing durability of pavers produced on one board with the same concrete mix design. Due to uneven filling and different compaction qualities, significant differences in compressive strength of the paver products can be the result. With the application of Bond & Glazing this undesirable effect can be reduced and balanced. With fast evaluation of results regarding compactability, strength development and water adsorption it becomes possible to develop solutions serving the customer needs. In addition, color appearance and water repellency characteristics can be investigated very quickly.

Advantages

- Strong water reduction, resulting in high density, high strength, and reduced permeability



- High efficiency even at low dosage rates
- Extended workability with subsequent strength development
- Early de shuttering will result in increased productivity
- Improves surface finish
- Minimizes damage due to early handling
- Reduces efflorescence
- Self-curing resulting in elimination of water curing

Applications:

- Concrete Pavers
- Kerbstones & Edgings
- Roof Tiles
- Concrete block
- Hume pipes
- Paver blocks
- Masonry Blocks
- Landscaping Elements
- Hollow Core Slabs
- Precast product
- Compound wall
- Chequered tiles
- Pipes And Manholes
- Concrete Tiles
- Interlocking block
- Door, window frame
- Garden chair

Dosage and Usage:

The normal recommended dosage is between 0.4% to 1.6% by weight of cementitious material. The optimum dosage of Bonding & Glazing agent super plasticizer to meet specific requirement should always be determined by trials using the materials and conditions that will be experienced in use. Stir well before use.

PACKAGING

Packing Size :-
2.5 Kgs, 25 Kgs, 70 Kgs
250 Kgs



Packing Material :-
HDPE Cane, HDPE Jar
HDPE Barrel



2.5 Kgs



25 Kgs



70 Kgs



250 Kgs



Manufactured & Marketed by :

SIDDHI VINAYAK

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