



# SIDDHI VINAYAK CONSTRUCTION CHEMICAL PVT. LTD.

## SUPER BOND<sup>TM</sup>

### SUPER DISPERSANT ADMIXTURE

सिद्धिविनायक का वादा..  
मजबूती सबसे ज्यादा...



## About

Super bond is a hardening accelerator that increases the early strength of concrete without affecting the initial workability and final strength.

## Description

Super bond is a new generation concrete admixture which is completely based tweak polymer and this application is very suitable and highly recommended for the fly ash brick, and fly ash blocks and for fly ash interlocking bricks. Super bond can reduce water consumption by more than 13%, improve the work-ability and dispersion of fly ash brick, fly ash blocks, and greatly reduce the hydration heat at the early stage of cement hydration. Super bond is used as accelerator in hydration process of cement, leading to quick set of concrete and to get high initial strength fly ash bricks. Super bond offers many advantages that make it popular as a fly ash bricks accelerator. It causes a substantial increase in early strengths and it speeds rate of set. It is readily available. It dissolves easily in water. Its behavior with most ingredients of fly ash brick and under a wide variety of conditions has been studied and reported over a long span of years, and its effects have been generally understood though in recent years increasing evidence. This article attempts to put findings in this area in perspective even though, as in many areas of concrete technology, there are side divergences of opinion. Many properties of concrete are affected to various degrees by super bond the heat of hydration at 1 day increases 30 percent; tensile strength at 28 days is slightly decreased; flexural strength at 7 days is increased by 10 percent; We now know that super bond greatly decreases the likelihood of corrosion. Concentration often varies in different portions of a fly ash bricks concrete structure.

## Advantages

- Rapid set time
- High early compressive strength
- Low shrinkage
- Improve workability
- Good adhesion
- Reduce efflorescence
- Excellent durability High initial strength
- Improve surface finish
- Reduce bleeding
- Water reduced more than 13%
- Self-curing resulting in elimination of water curing



## Applications:

- Fly Ash Bricks
- Fly ash blocks
- Fly ash inter locking brick & blocks
- Concrete blocks
- Hydraulic paver

## Dosage and Usage:

The normal recommended dosage is between 0.75% to 1.2% by total weight of materials diluted with 12% in water. The optimum dosage of Super Bond Super Dispersant Admixture 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 : -  
25 Kgs**

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**Packing Material : -  
HDPE Bag**



25 Kgs



Manufactured & Marketed by :

## **SIDDHI VINAYAK** **CONSTRUCTION CHEMICAL PVT. LTD.**

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