



**Siddhi Vinayak
Construction
Chemical
Pvt Ltd**



Hardening Agent

Description

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

Advantages

- Rapid set time
- Low shrinkage
- Good adhesion
- High early compressive strength

Limitations

Super Bond shall not be added to dry cement. Dosage beyond limits can be used to meet particular mix requirements in consultation with SVCC technical department. Over dosage may cause delay in the setting time and segregation.

Dosage and Usage

The normal recommended dosage is between 0.5% to 0.75% of total weight of material diluted with water. The optimum dosage of Super Bond 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.

Properties

Appearance: Brownish White coloured powder

Specific Gravity: 1.10 ± 0.02 @ 27°C

pH: > 6

Density: ~1.15 kg/l at 25°C

Chloride Content: < 0.2%



Packaging

25 Kg HDPE bag

Shelf Life

24 months from date of production if stored properly in undamaged unopened and original sealed packaging.

Standards

IS 9103:1999
ASTM C 494

Storage & Handling

Store in a moist free, cool and dry conditions. Protect from direct sunlight and frost. Handle the product(s) very carefully during transportation.

Safety Precautions

Super Bond is non-toxic and non-flammable. Splashes on eyes has to be immediately washed with plenty of water and seek medical advice.

Wear all PPE's at the time of the application like safety boots, goggles, hand gloves and masks. Avoid contact with skin and eyes. Any direct skin contact with the products should be washed off thoroughly with soap and water.