



for Better Quality & Durability

## SET ACCELERATOR - Paver & Bricks

**CETEX – SA - PB (Set Accelerator for Pavers and Bricks)** when added in the cementitious mixture, decreases the set time of the mix even during low ambient temperatures. **CETEX-SA-PB** is used in production of unreinforced concrete where early set is required. It can also be used in reinforced concrete where total chloride is below 1.0% of cementitious matter. It is also suitable for concrete where high early strength is required or formwork has to be removed early. **It complies with ASTM-C-494 Type C, IS- 9103.**

### MECHANISM

**CETEX-SA- PB** increases the chemical reaction of cement and water, thereby accelerating the rate of setting and early gain in the strength. Due to increased workability, one can optimize the water dosage to achieve higher overall strength of concrete.

### ADVANTAGES

- ✓ Addition results in faster hardening and early higher early strength of fresh mix.
- ✓ It can be used as anti-freeze admixture for winter concreting. It can also be used to counteract retardation due to superplasticiser.
- ✓ It can be used along with other pozzolans like fly ash, micro-silica, slag, etc.
- ✓ It reduces/eliminates steam curing cost of pre-cast elements.
- ✓ It reduces bleeding and makes the concrete denser and less permeable.

### PROPERTIES

|                  |   |                                 |
|------------------|---|---------------------------------|
| Type             | : | Calcium chloride based liquid   |
| Color            | : | clear to light yellowish colour |
| Specific Gravity | : | 1.38 +/- 0.02 at 25°C           |
| pH               | : | Alkaline                        |

### DOSAGE

500–1000 gm per 50 kg of cement is recommended depending on application. However, field trials should be conducted to determine the optimum dosage to achieve the required condition.

### DIRECTION OF USE

**CETEX-SA** should be added to the concrete mix during the mixing cycle after addition of water or can be mixed in the dosing water. **Never add the admixture to the dry mix.**

### PACKING

**CETEX-SA** is available in 70 or 280 kg pack. Store in frost-free condition away from sunlight or extreme heat. For best result, use within one year.