



PSA - PLASTICISER & SET ACCELERATOR

for Better Quality & Durability

CETEX-PSA - Plasticiser & Set Accelerator, helps in reducing the water cement ratio of the concrete mix, decreases the set time and results in higher overall strength. **It complies with ASTM-C-494 Type A & C, IS- 9103.**

ADVANTAGES

- ✓ Faster hardening & early higher strength.
- ✓ More workability for same water cement ratio.
- ✓ Lower water cement ratio, higher strength
- ✓ Economical mix design, reduction of cement dosage.
- ✓ Reduces rebound loss in shotcrete / guniting.
- ✓ Reduces/eliminates steam curing. Early de-molding
- ✓ Chloride free; does not corrode steel structure.
- ✓ Anti-freeze admixture.

PROPERTIES

Type	: Lignosulphonate based
Colour	: Dark Brown/Black liquid
Specific gravity	: 1.22 +/- 0.02 at 20 °C

USES

- As economical plasticiser for production of free flowing concrete such as slabs, foundations, walls, beams, columns, piers and precast precast. Can be used to optimize cement dosage.
- As a set accelerator it is used for early and ultimate high strength concrete such as pre-cast concrete, pre-stressed concrete, bridges, cantilever structure and foundations, etc.

DOSAGE

200–500ml per 50 kg of cement is recommended depending on requirement. Field trials should be conducted to determine the optimum dosage.

DIRECTION OF USE

CETEX-PSA should be added to the concrete mix during the mixing cycle after addition of water. For better dispersion, it can be added in mixing water. **Never add the admixture to the dry mix.**

PACKING

CETEX-PSA is available in 25, 60 or 250 kg pack or bulk.

STORAGE

Store in frost-free condition away from sunlight or extreme heat. For best result, use within one year of opening the seal.