



# 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.