

# ChemPlast SP 400

## SNF Based Set Retarding and High Range Water Reducing Superplasticizer

**Description:** - ChemPlast SP 400 is a naphthalene sulphonate based high range water reducing super plasticizer that improves the early and final strengths of concrete by giving realistic property. Due to selection of important chemicals improve concrete plasticity and concrete hardened property. It is compatible for dispersing in water as well as in concrete mix. It is compatible with all types of cement.

### **Characteristic Parameters**

It conforms to specification prescribed in IS: 9103:1999

### **Features/Advantages**

- ❖ Decreases the amount of water at least 10–20 % by weight of cementitious material.
- ❖ Enables lower water/cement ratio or high workability in the same water/cement ratio and easy pump-ability.
- ❖ Increases early and final strength.
- ❖ Improves concrete compressive and flexural strength.
- ❖ Compatible with most types of Portland cement.

### **Applications**

- ❖ Pump able and Non- pump able ready-mix concrete.
- ❖ Wet Shotcrete.
- ❖ Precast and prefabricated concrete.
- ❖ Early de-molding.
- ❖ Reduce water demand.
- ❖ Easy concrete application.
- ❖ PQC

**Packing:** - 250 Kgs.

**Shelf-Life and Storage Condition:** - Shelf life is 12 months from the date of manufacturing if stored properly in undamaged and unopened original sealed drum. Keep in dry and cool place & temperature should be +10°C to + 30°C.