

CX SUPERCONCRETE 650 P+

Low Viscosity High Performance Superplasticiser, Based on PCE Technology



CX SUPERCONCRETE P+ 650

Advance High Performance Superplasticizer
based on PCE

DESCRIPTION:

CX SUPERCONCRETE P+650 is blend of organic polymers and is supplied as a Light Yellowbrown liquid instantly dispersible in water.

CX SUPERCONCRETE P+650 has been specially formulated to give high water reductions up to 25%to 35% without loss of workability or to produce high quality concrete of reduced permeability

PACKAGING:

1kg, 5kg, 20kg, 50kg, 250kg

☎ 1800 - 419 - 3637



ADVANTAGES:

1. Increased Workability
2. Increased Strength
3. Improved Quality
4. Higher Cohesion
5. Chloride free
6. Suitable Environment
7. Better Resistance to Carbonation
8. Reduce Shrinkage and Creep

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Description :

- **CX SUPERCONCRETE 650 P+** is an economical admixture based on modified polycarboxylic ether. The Product has been primarily developed for applications in ready mix and site-batched concrete.
- **CX SUPERCONCRETE 650 P+** is specially designed to allow considerable reduction of mixing water while maintaining control on extend of set retardation.
- **CX SUPERCONCRETE 650 P+** is free of chloride & low alkali. It is compatible with all types of cements.

Recommended Uses:

- Ready mixed concrete
- Site Batched concrete
- Pumped concrete
- High workability without segregation or bleeding
- High performance concrete for durability
- Congested/complex reinforced sections
- Self Compacting Concrete

Advantages :

- Lower pumping pressure
- Resistance to segregation even at good workability
- Reduced water content for a given workability
- Higher ultimate strengths
- Increased ease in finishing concrete
- Low viscosity admixture suitable for pumping different grades of concrete to greater heights
- Reduce shrinkage and creep
- Increase durability

Properties :

Appearance	Light Brown Liquid
Chloride content	Nil to IS:456*
pH	Minimum 6.0*
Relative Density	1.03 ± 0.02 at 27°C

* The uniformity parameters like specific gravity, pH, chloride content etc. will vary for specific customer requirements and mix design.



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Dosage : The optimum dosage of **CX SUPERCONCRETE 650 P+** to meet specific requirement should always be determined by conducting laboratory and batch trials. However the normal dosage ranges between 0.3 to 2.0 percent by weight of total cement or binder content.

Use at other dosages :

Dosage outside the normal range quoted above can be used to meet particular mix requirements. Contact Chemax Construction Chemical for advice in these cases.

Effects of overdosing :

- Overdosage may cause delay in the setting time and segregation
- Long extension of initial and final set
- Increase in air entrainment

Application :

CX SUPERCONCRETE 650 P+ is a ready-to-use liquid which is dispensed into the concrete together with the mixing water. The plasticising effect and water reduction are higher if the admixture is added to the damp concrete after 50 to 70% of the mixing water has been added. The addition of **CX SUPERCONCRETE 650 P+** to dry aggregate or cement is not recommended.

Packaging : **CX SUPERCONCRETE 650 P+** is available in 230kg drums and bulk tanker.

Storage/ Shelf Life :

CX SUPERCONCRETE 650 P+ must be stored where temperatures do not drop below +5°C. If product has frozen, thaw at +5°C or above and completely reconstitute using mild mechanical agitation. Do not use pressurized air for agitation. Store under cover, out of direct sunlight and protect from extremes of temperature. Shelf life is 12 months when stored as above.

Precautions :

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention.