



**SILKON**  
ADDITIVES INDIA PVT LTD

# Supremix PC 350

Supremix PC 350 is an advanced low viscosity high performance super plasticizer, based on Polycarboxylic technology which is intended for applications where high water reduction and long workability retention are required.

Supremix PC 350 is a unique combination of the latest generation super plasticizer, based on PCE Based technology with long lateral chain. This greatly improves cement dispersion. At the start of the mixing process a steric hindrance dispersion occurs and cement particles start dispersing. This mechanism considerably reduces water demand in flowable concrete.

## Usages and Advantage

- Pumped concrete,
- Concrete requiring long workability retention,
- Low viscosity suitable for pumping of different grades of concrete to higher floors
- Improved adhesion to reinforcing and prestressing steel
- Better resistance to carbonation
- Lower permeability
- Better resistance to aggressive atmospheric conditions
- Reduced shrinkage and creep
- Increased durability

## Standard Compliance

Supremix PC 350 complies with IS:9103-1999(2007). It also complies with ASTM C494 Type G depending on the dosage used.

## Technical support

Silkon provides a technical advisory service for on-site assistance and advice on mix design, admixture selection, evaluation trials and dispensing equipment.

## Properties

Appearance	:	Light yellow colored liquid
pH	:	Minimum 6.0
Volumetric mass @ 20 <sup>0</sup> C	:	1.07 kg/litre
Chloride content	:	Nil to IS:456

## Dosage

The optimum dosage of Supremix PC350 to meet specific requirements should always be determined by trials using the materials and conditions that will be experienced in use. The normal dosage range is between 0.5 to 3.0 ltrs/100 kg of cementitious material.

## Over dosages

Dosage outside the normal range quoted above can be used to meet particular mix requirements. Over dosage may cause delay in the setting time and segregation. Contact Silkon for advice in these cases.

## Packaging

Supremix PC350 is available in 200kg and 250kg drums and bulk tanker.

## Storage

SupremixPC 350 has a minimum shelf life of 12 months provided the temperature is kept within the range of 2<sup>0</sup>C to 50<sup>0</sup> C. Should the temperature of the product fall outside this range then contact local Silkon office for advice.



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## Health and safety instructions

Supremix PC350 does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting. For further information consult the Material Safety Data sheet available for this product.

## Fire

Supremix PC350 is water based and non- flammable.

## Cleaning and disposal

Spillages of Supremix PC350 should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. Remnants or vermiculite and transferred to suitable containers. Remnants should be hosed down with large quantities of water. The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority