



CLASSIC SUPERFLO PC

**New Generation Super Plasticizer
For High Performance Concrete**

PRODUCT

Classic Superflo PC is a high range water reducing admixture for concrete conforming to IS 9103-1999-ASTM-C-494 Type F.

Classic Superflo PC is non toxic brown liquid based on polycarboxylic ether.

DESCRIPTION

Classic Superflo PC is ready to be supplied liquid based on Polycarboxylate ether formulation.. The powerful dispersing action based on Steric hindrance can be used in many ways to obtain dense, high strength, high performance durable concrete.

The high water reduction make **Classic Superflo PC** ideal for use in precast and prestressed concrete where high early strength are of paramount importance

PURPOSE

To produce high strength concrete and flowing concrete without addition of water. Enables high water reduction leading to high early and ultimate strengths. Ideal in precast and prestressed concrete works.

ADVANTAGES

- Flowable concrete with the lowest water/cement ratio.
- Eliminates segregation and bleeding.
- Improves concrete surface finish and texture.
- Improves cohesion thus aids pumping of concrete.
- Facilities rapid placing of concrete and with little or no vibration.
- Makes the concrete denser, hence durability increased.
- Increased durability
- Early and ultimate compressive strength.

DOSAGE

250 ml– 750 ml / 50 kg cement. However, the optimum dosage should be determined by site trials. Other dosages may be recommended in special cases according to specific mixes.

PACKING

5, 20, 50, 100 Liter containers.

USES

Increased Workability

Classic Superflo PC when incorporated in concrete mixes increases the workability without addition of water; thus leading to easy placement and finishing without the risk of segregation and bleeding.

Increased Strength

Classic Superflo PC can be used to reduce water for a given workability leading to increase in high early and, ultimate strengths. Such high early strengths and early stripping of form work lead to increased productivity on precast concrete and the production of high strength concrete without increasing cement content.

TYPICAL PROPERTIES

Physical State	: Yellowish Brown liquid.
Dry Material Content	: 30% ± 3 %
Specific gravity	: 1.09 ± 0.01@ 25° C
PH	: 7-8

PROPERTIES

Classic Superflo PC can be used with all types of Portland cements and is chloride free. It has no significant effect on setting times at normal dosage levels.

HANDLING PRECAUTIONS

Classic Superflo PC is non toxic. However, splashes on the skin should be washed well with water and if contact with eye occurs wash well with water and seek medical advice.

STORAGE LIFE

Minimum one year if stored below 50°C in original sealed containers. If allowed to stand for a long time, contents should be stirred before use.



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