

# PC Fluid 310



High performance water reducing polymer for site mix concrete

---

## Product Overview

PC Fluid 310 is a PC based admixture designed to suit different grades of cement/concrete with high performance and durability. It is a chloride free admixture with very low alkali.

## Areas of applications

1. RMC batch mix trucks
2. At all site mixing

## Properties

1. PC Fluid 310 exhibits high performance and durability when mixed with concrete.
2. Improves workability as well as gains early strength at the earliest.
3. It can be used with mixes containing all kinds of fine and coarse aggregates.
4. It can be used where pumping of concrete is necessary.
5. It Minimizes segregation and bleeding problems by improving cohesion.

## Guidelines for Usage

Correct quantity of admixture has to be dispensed to the concrete mix when at batching plant. At first add 80% of measured water to wet the concrete and aggregate. Then add measured quantity of PC Fluid 310 with rest 20% of water to achieve desired consistency and mix further for 5 mins to get uniformity

## Dosage and Measures

The guided dosage of PC Fluid 310 is 0.2% - 1.5% of cementitious materials in the mix (irrespective of the type of aggregates used). Representative trials should be conducted to determine the optimum dosage of PC Fluid 310 to meet the performance requirements by using the materials and conditions in actual use.

Overdose might cause

1. Significant increase in retardation or delay in setting.
2. Increase in workability.
3. Ultimate concrete strength will not be adversely affected and will generally be increased provided that proper concrete curing is maintained.

## Packings available

PC Fluid 310 is available in 225 kg HDPE drums.

## Storage and Shelf life

PC Fluid 310 has 12 months shelf life when stored in original, cool, dry and unopened packs.

# Safety Measures

1. Clean tools and equipment immediately after the use.
2. Use proper safety equipments while mixing e.g. use of safety coats, safety goggle, gloves etc. Any eye contamination should be washed immediately with clean water and immediate

medical attention sought.

For further information related to application and safety precautions, please contact Mcrete technical representative.

## Technical data

Aspect	Brown liquid.
Mixed Density	1.00-1.10 g/cc
pH	>6
Chloride content	<0.1%
Test Certifications	IS 9103:1999 ASTM C494 Type G EN 934-2 T3.1/3.2 IS 2645:2003

For further clarifications Please contact on below address

### Pinjala Chemicals Pvt. Ltd.

Plot No. 172/A, Road No. 24, Phase 2  
Mallapur IDA, Hyderabad-500076,  
Email: [info@mcrete.com](mailto:info@mcrete.com), Website: [www.mcrete.com](http://www.mcrete.com)  
Ph no: +91 8019453232

### Pinjala Chemicals Inc.

30273 Eastridge Drive, Spring,  
Texas 77386, USA  
Email: [info.us@mcrete.com](mailto:info.us@mcrete.com), Website: [www.mcrete.com](http://www.mcrete.com)  
Ph no: 001-3136861237