

# PC-P2

## Pumping Aid Agent for Ready Mixed Concrete

### Description

PC-P2 is a 3rd generation polycarboxylate based superplasticizer with set retarding effect, It has been formulated to comply with ASTM C-494 Type F& G.

### Uses

PC-P2 is suitable for the production of site mixed as well as ready-mix following types of concrete:

- Concrete with highest water reduction
- High strength/High performance concrete
- Excellent and retained workability concrete
- Flowable to Self Compacting Concrete

### Advantages

PC-P2 combines different modes of actions resulting in optimum dispersion of the binder and at the same time improves cohesion of concrete.

PC-P2 has the following advantages:

- Extremely high water reduction, consequently durable concrete providing high density concrete, high strength can be produced
- Thanks to high water reduction and optimum cement dispersion, it improves shrinkage and creep behavior
- Provides an excellent workability that can be retained for up to 2 hours.
- Increases early and final strengths that can allow substantial cement reduction.
- Improves impermeability of concrete by reducing water/cement ratio.

- Increases cohesion without segregation that facilitates pumping
- Can be used at low dosages

### Typical Properties

Items	Specification
Appearance	colorless transparent or pale yellow liquid
Specific Gravity	1.065 - 1.085kg / litre
pH value	4.50-6.00

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