



# PCCon® 750

## Slump Retaining Polycarboxylate Copolymer for Concrete Admixtures

### Product Definition

PCCon 750 is a slump retaining polycarboxylate copolymer designed to produce polycarboxylate based chemical admixtures for high strength concrete. PCCon 750 provides excellent slump retention performance even in aggregates with very high methylene-blue values, besides improves both early and the ultimate concrete strength. PCCon 750 provides extended workability for long distance concrete operations.

### Advantages and Properties

- Provides high slump retention performance in fine aggregates with high methylene-blue values.
- It is suitable for slump retention type polycarboxylate based concrete admixtures.
- Provides effective workability in cements with high alkali content.
- Enables to produce flowable concrete mixtures with low water to binder ratios.
- Improves the early and ultimate strength of concrete.
- Provides high workability retention without significantly affecting the setting time of cement.

### Technical Properties

Colour and form	Transparent – Liquid
Chemical base	Polycarboxylate Copolymer
Density (kg/lt)	1.0800 – 1.1200 (at +20 °C)
pH	4.00 – 8.00
Solid Content %	48.00 – 52.00



### Test Results

Concrete Mix Design					
CemI 42,5R kg	W/C %	Fine Agg. %	Coarse Agg. %	Admixture % of Cem	Air Content %
350	40%	53%	47%	0.6%	1.6%

Test Results					
Slump/Flow (mm)			Compressive Strength (MPa)		
Initial	30 min	60 min	1 day	7 days	28 days
570	570	570	24.8	58.6	66.2

