



# BASE

## Construction Chemicals Industry

Produces Construction chemicals under technical advice and guidance of MUHU (China) Construction Materials Co. Ltd.

## Base Con PCS (G)

High Performance water reducing and retarding polycarboxylate super plasticizer.

### DESCRIPTION

**Base Con PCS (G)** is a super plasticizer for high performance concrete, high strength concrete high volume fly ash slag concrete and grouting, self leveling screed mortar, **Base Con PCS (G)** Complies with ASTM C 494, Type F specification

### RECOMMENDED USES

- Ultra high strength concrete (bridge flyover etc)
- Precast Concrete.
- Ready mixed concrete where low water cement ratio is required.
- High strength and high performance concrete.
- Cast in situ concrete.
- Prestresses reinforced concrete.
- Pumped concrete, self leveling & self compacting concrete.
- Grouting pile concrete etc.
- In the works like railway, water conservancy, port municipal project express way etc.

### ADVANTAGES

- Produces Concrete with high levels of work ability without segregation.
- Provides significantly higher strength & normal set time.
- Provides improved finish ability & surface finishes.
- Provides excellent concrete rheology & handing properties.
- Has super air entrainment control has no chloride ions & non corrosion to steel bar.

### PROPERTIES

Appearance	Pale brown liquid
Relative Density	1.08±0.05at 25 <sup>0</sup> C
PH	6.9
Storage Condition	Free from frost

### DOSAGE

Optimum dosage of **Base Con PCS (G)** should be determined with trial mixes. As a guide, a dosage range of (0.40% to 1.2%) of cementitious material is recommended. The best amount should be subject to relevant experiment. When **Base Con PCS (G)** is applied the mixing time should be approximately extended in order to fully and evenly mix.

### CAUTION

Do not mix with naphthalene based admixtures, If other admixtures are required simultaneous for same special projects compatibility tests should be conducted before hand.

### SHELF LIFE

Use before one year, Keep container closed when not in use & do not store **Base Con PCS (G)** in direct sunlight

### PACKING

**Base Con PCS (G)** is supplied in 250 kg of packages on request.