

## Technical Datasheet

# Ultraplast® PC12

Polycarboxylate based superplasticizer is a kind of high performance water-reducing agent. It was known as the third generation superplasticizer, is produced with advanced technology, thus has the excellent overall performance.

Ultraplast® PC12 is a powder form superplasticizer made by spray-drying of modified polycarboxylate superplasticizer, is a kind of

environmental friendly high performance product. Ultraplast® PC12 has good dispersion ability, high water reducing rate and good adaptability to various brand of cement. Thanks to its excellent flow ability, Ultraplast® PC12 is especially suitable for dry-mixed mortar, wear-resistant flooring production, self-leveling flooring, grouting materials.

### Product Properties

Constitution:	Polycarboxylate based superplasticizer		
Appearance:	White powder		

### Product Specification

Water Content	<3%
pH(20°C, 20% solution)	6.0~9.0
Alkali content:	<5.0%
CL ion content:	<0.03%
Surface Tension(mn/m):	71.5~72.0

### Referential Data

Recommended dosage:	0.10% - 0.50%
Bulk Density:	0.5-0.7g/cm <sup>3</sup>

### Recommended fields of application

High performance concrete
High flowability concrete
High durability concrete
Aluminates cement refractory concrete
Self-leveling compound
Steam curing concrete
High strength mortar
Joint filler
Grouts

### Packaging, Storage and Safety instructions

Ultraplast® PC12 is packed in multiply paper bags with an inner polyethylene bag, net weight 25kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned.

When stored in closed containers, or in its original packaging in a dry place at room temperature, Ultraplast® PC12 can be kept for a long time, but we recommend using it within one year. When original package opened, Ultraplast® PC12 absorbs water from moist air very easily; opened bags must be resealed and kept tightly closed.

Ultraplast® PC12 is non-toxic, non-irritating, no-combustible. Keep the product away from eyes, mouth and skin carefully when use. Protective gloves and glasses are recommended. Rinse out with plenty of water after accidentally touched.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. The quality of our products is guaranteed under our General Conditions of Sale.