

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

environmentally 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		Recommended fields of application
Water Content	<3%	High performance concrete
pH(20°C, 20% solution)	6.0~9.0	High flowability concrete
Alkali content:	<5.0%	High durability concrete
CL ion content:	<0.03%	Aluminates cement refractory concrete
Surface Tension(mn/m):	71.5~72.0	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.