

Technical Data Sheet



WOTAICHEM PCE 6030P

Polycarboxylate Superplasticizer for sulphoaluminate cement

Product description

WOTAICHEM PCE 6030P (CAS No. 9084-06-4) is Suitable for sulphoaluminate cement and high alumina cement systems; ternary system self-leveling. It is widely used in self-leveling mortar, pouring mortar, paving mortar, plastering mortar and other fluid mortar or concrete.

It can endow the mortar with fast plasticizing speed, high plasticizing effect, easy defoaming, and low loss of these properties over time, and effectively improve the workability and mechanical properties of mortar under sulphoaluminate and high alumina cement systems.

It shows good compatibility with various cement-based and gypsum-based cementitious materials, as well as other additives such as defoamers, retarders, expansion agents, accelerators and water-retaining agents.

Specifications and characteristics	
Appearance:	white or slightly yellowish powder
Bulk density(g/L):	400-700
Moisture:	≤ 5%
pH Value (20% solution, 20℃)	7-9
Chloride Ion Content	≤0.05%
Air Content in Concrete	≤1.6%
Water reduction rate:	≥ 25 %
Active Ingredient	≥90%
Cement Paste Fluidity	209 mm
Solid Content	0.98
Usage Condition	Normal temperature

Recommend Applications

sulphoaluminate cement and high alumina cement systems, as well as ternary system self-leveling mortar, which requires high fluidity and high strength. It is applicable to fluid mortar or concrete such as ternary system self-leveling mortar, pouring mortar, precast component mortar and other related cement-based fluid materials matching sulphoaluminate and high alumina cement

Recommend Dosage

0.2-0.5% by weight of cementitious materials

Packaging & Storage

Multi-layer paper bag with
PE-liner 25kg/bag, 600kg/pallet
Store in cool and dry conditions

Shelf Life

The shelf life is 2 years.
Please test and confirm the quality before using exceeding 2 years.

Certified conformity

QUALITY MANAGEMENT SYSTEM CERTIFICATE: **GB/T19001-2016/ISO9001:2015**

ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE: GB/T24001-2016/ISO14001:2015

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE: GB/T45001-2020/ISO45001:2018

This information is based on our present state of knowledge and is intended to provide general notes about our products and their use only. It should not therefore be construed as guaranteeing the consistency or permanency of the products or specific properties of the product described or their suitability for a particular application.

Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.

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