



Shandong Zhuoxing Chemical Co., Ltd.
Zibo Zhuoxing Enterprises Co., Ltd.

concrete pce admixture polycarboxylate superplasticizer

concrete pce admixture polycarboxylate superplasticizer is a special polycarboxylate-based superplasticizer for dry mortar. It has a good adaptability with cement and other admixtures and has been widely used in non-shrinkage grouting material/mechanical grouting material, repair mortar, cement-based mortar, waterproof mortar, crack-sealer and thermal mortar, and other cement-based dry powder material. It has been proved to be very helpful in improving the fluidity, early and final strength and the decreasing the shrinkage crack at the last stage of the mortar hardens. Besides, the product is applicable to the gypsum-based dry powder material, fire-proof material and ceramics.

Technical Data

Items	Specification					
	SPC-02 Liquid (water reducing type)	SPS-03 Liquid (slump retention type)	SPS-04 Liquid (Early strength & water reducing type)	SPS-05 Liquid (long slump retention type)	SPS-06 powder (Water reducing type)	SPS-08 Powder (Water reducing type)
Appearance	White or	White or	Colorless or	Colorless to	White or	White powder

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	light yellow to brown viscous liquid	light yellow to brown viscous liquid	light yellow to brown viscous liquid	light yellow viscous liquid	light yellow powder	
Density	1.10 ± 0.02 g/cm ³	1.10 ± 0.02 g/cm ³	/	1.10 ± 0.02 g/cm ³	500 ± 50 Kg/m ³	500 ± 50 Kg/m ³
pH (23℃)	5--7	5--7	6 ± 1	5--7	6.0 ± 1.0	6.0 ± 1.0
Solid Content%	50 ± 1.0	50 ± 1.0	50 ± 1	50 ± 1.0	97.0 ± 1.0	97.0 ± 1.0
Moisture content%	/	/	/	/	≤ 3.0	≤ 3.0
Water Reducing Ratio%	/	≥ 15	≥ 25	≥ 15	≥ 25	≥ 25
Cl- %	≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.02
Alkali content%	≤ 0.3	≤ 0.3	≤ 0.3	/	≤ 0.3	≤ 0.3
Na ₂ SO ₄ %	/	/	/	≤ 0.3	/	/

Use and storage of transport

In the process of using the product, please be careful not to touch your eyes, mouth.

Recommend you to use gloves. If you accidentally stained, please rinse the stained part with plenty of water.

Concrete pce admixture polycarboxylate superplasticizer is easy to

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absorb moisture, so it should be kept in the original sealed bag, and placed in a dry place.

The temperature should not exceed 40° C, not stacked too high.

Handling should be gentle to prevent damage during transportation to avoid moisture.

Concrete pce admixture polycarboxylate superplasticizer is non-toxic, non-irritating, non-flammable products.

Main function: wide adaptability of kinds of cements, gravels and sands. Little initial water reducing ratio and high retention ability.

With its stable performance, it is widely used in all kinds of concrete projects and cement products, that is well received at home and abroad.

Scope of application.

Suitable for compounding long-distance transportation.

Suitable for compounding high durable concrete.

Suitable for compounding high-performance and high flowing concrete.

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