



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

high water reducing rate concrete admixtures

high water reducing rate concrete admixtures is a new generation of high performance superplasticizer developed by Zibo Zhuoxing Enterprises Co.,Ltd. With this product, concrete has high slump retention, slumps keep unchanged within 30min and loss little in 1h; Meanwhile, it has advantages such as low dosage, high water reducing rate and low shrink rate. It improves the liquidity of concrete greatly with this product, makes the concrete keep long time construction performance, as well as ameliorates its peaceability and physics performance, improving construction quality.

high water reducing rate concrete admixtures is of high durability. It improves the density of concrete and reduce the porosity of concrete so well as raising the freeze-thaw resistance of concrete, anti-carbonation, anti-poor environment and anti-erosion of harmful substances. It increases the capacity and elastic modulus of concrete, impermeability, and lowers concrete the drying shrinkage, creep. It is the best product for high-performance products green concrete.

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Specification

Items	SPS-03	SPS-06
	Liquid(slump retention type)	powder(Water reducing type)
Appearance	White or light yellow to brown viscous liquid	White or light yellow powder
Density	1.10 ± 0.02 g/cm ³	500 ± 50 Kg/m ³
pH (23℃)	5--7	6.0 ± 1.0
Solid Content%	50 ± 1.0	97.0 ± 1.0
Moisture content%	/	≤ 3.0
Water Reducing Ratio%	≥ 15	≥ 25
Cl- %	≤ 0.02	≤ 0.02

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Alkali content%	≤ 0.3	≤ 0.3
Na ₂ SO ₄ %	/	/

Admixture Quality Control

1. The admixture to be selected shall have the following technical documents provided by the supplier:

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- (1) Product specifications, and should indicate the main ingredients of the product.
- (2) Delivery inspection report and qualification certificate.
- (3) Admixture concrete performance test report.

2. If the admixture is transported to the concrete mixing station, representative samples should be taken immediately for inspection, and the incoming goods should be consistent with the project test preparation before being put into storage and used. Discontinue use if inconsistency is found.

3. Admixtures should be stored separately according to different suppliers, varieties and brands, and clearly marked.

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4. The powdery admixture should be prevented from agglomerating due to moisture. If there are agglomerates, the admixture should be crushed to pass the 0.63mm sieve after passing the performance test. Liquid admixture should be placed in a cool and dry place to prevent sun exposure, freezing, pollution, water intake or evaporation. If there is precipitation, it can be used only after passing the performance test.

5. Admixture batching control system should be clearly marked, measurement should be accurate, measurement error should not be greater than 2% of the amount of admixture.

Products pictures



Standard Packing: In 25kg paper bags inner with PE bags

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Not more than 12 months under condition 5-35°C, dry and cool.

Prevent direct sunlight, moisture and be pressed for caking. When it is more than 12 months, it still could be used if there is no caking..

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