



Construction



[SINOFLOC](#) tailor-made products are designed to be used as the concrete additives, cement additives, grouts, adhesives, coatings, and concrete additives for waterproofing in the construction industry. Our supply package includes polyacrylamide, superabsorbent, sodium polyacrylate.

Currently modern manufacturing process and concrete production uses many different additives to improve its properties. SINOFLOC polyacrylamide and superabsorbent give good performance when using as concrete admixtures, cement additives, concrete additives for curing, concrete additives for cold weather, and concrete additives for waterproofing.

[Concrete additives for curing](#)

By adding SINOFLOC special concrete additives, setting time, heat of hydration, compressive and tensile strength of the concrete all give better performances, especially for hardness, the fracture toughness and flexural strength characters.

[Concrete additives for cold weather](#)

In cold weather, concrete can easily freeze before it gains enough strength and sets more slowly, then special additives are needed for placing concrete in cold weather conditions. SINOFLOC polymers could be used in this special condition as the concrete admixtures to improve the concrete property against cold weather.

Concrete additives for waterproofing

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Traditional concrete easily absorbs water and others dissolved in it. By adding SINOFLOC special polyacrylamide polymers, the concrete will have better waterproof properties and our products are safe and environmental when handling.

Cement additives

Due to low water gel, drying, cracking and deformation is usually happen. SINOFLOC superabsorbent polymers is specially designed to control the shrinkage of concrete and improve the moisture content of concrete to be used as cement additives. After adding SINOFLOC superabsorbent, it can absorb dozens of its own weight of water and release slowly, which could prevent concrete cracking and increase the concrete strength. This application could improve concrete's performance of impermeability and properties in cold weather significantly.

For more information on products application please contact with SINOFLOC team.

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