



Shandong Zhuoxing Chemical Co., Ltd.
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Polycarboxylate superplasticizer for dry mix mortar

Sensitivity of Polycarboxylate superplasticizer for dry mix mortar to dosage and water consumption

Because of Polycarboxylate superplasticizer is more sensitive to the change of raw materials, together with the water reducing agent is high water reducing rate, low gelling material mixture ratio and low water use factors, such as performance of water reducer for concrete water saturation point and special "critical", once excessive, can appear the concrete segregation and bleeding, run pulp, harden and excessive air content on the adverse phenomenon, on the other hand, Concrete will have problems such as dryness, poor workability, and large loss of collapse degree. Therefore, the following suggestions are given to solve this problem:

- (1) The modified raw materials should be used for trial blending test to adjust the mixing amount to achieve the best effect;
- (2) in the use of the process must strictly control the amount of Polycarboxylate superplasticizer for dry mix mortar and concrete water consumption;

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(3) for raw materials in the concrete test of water reducer, try to adjust the water reducer to "slow" type, in order to achieve the purpose of insensitive to raw materials and water consumption.



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