



Shandong Zhuoxing Chemical Co., Ltd.
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polycarboxylate cement

What happens when you add too much polycarboxylate cement

There are many kinds of water reducer, various types of water reducer components are not the same as the effect is not the same, the consequences of excessive will not be the same. What is the consequence of adding too much water reducing agent?

If it is a simple without retarding, air intake and other components of the superplasticizer, that is to say, only the function of the superplasticizer, excessive will only cause the concrete slump too large, or segregation, bleeding, hardening, etc..

But many types of water reducing agent with retarded air-entraining, such as mixing station, site using most of water reducing agent with other functions such as retarding, air-entraining, he design consider according to the normal dosage, retarded for a few hours, several air content, the dosage of normal, or more than a bit not retarded, air-entraining overweight, but if too much more, (general admixture plant will have a recommended dosage range), will be excessive slow

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coagulation, gas content is too high, cause concrete condensation is too slow, high gas content leads to concrete strength reduction and so on.



Nowadays, the development and change of polycarboxylate cement should conform to the trend of industrialization and innovate its mechanism. There is still much room for improvement in the synthesis technology, methods and properties. With the rapid development of industrial industrialization, there is an urgent need for a polycarboxylic acid water reducer with higher cost performance, better performance and wider adaptability. More scientists are needed to continue their efforts and explorations.

Looking ahead, the specific requirements of each concrete technology will require the development of optimal admixtures, and each series will

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have many different chemical components. With the development of the synthesis, characterization and the relationship between chemical structure and properties of polymer water reducers, polycarboxylate cement will be developed in the direction of high performance, multi-function, ecology and international standardization. It can obtain better water-reducing rate and smaller slump loss, especially in the preparation of high fluidity, low water-cement ratio of concrete, with other traditional efficient water-reducing agent incomparable advantages, will become the main variety of water-reducing agent series in the 21st century.

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