



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

## **polycarboxylate superplasticizer china**

polycarboxylate superplasticizer china is a new generation of environmental protection polycarboxylic acid superplasticizer.

The homogeneity index and concrete performance of the water reducer reach the level of similar products at home and abroad, which is in the leading level in China. It integrates retarded setting, early strength and high efficiency water reduction. It can be widely used in ordinary concrete, pumped concrete, superfluid self-compacting and high strength and high performance concrete, especially in the application of high strength and high performance concrete.

### **Efficient water reducing agent using effect**

In the concrete slump basically the same condition can greatly reduce the mixing water amount of admixture known as high efficiency water reducer, then in concrete China to add high efficiency water reducer effect is what kind of?

1. The rheological properties of concrete can be improved under the condition of keeping the water consumption and cement dosage per unit cubic meter of concrete unchanged;
2. In the case of keeping the concrete slump and cement dosage unchanged, can

Mobile/Wechat:0086 13053363281,0086 17865273019

Mail:sales@zhuoxingchem.com,sales02@zhuoxingchem.com

Web site:<https://www.sdzhuoxingpce.com>,[www.zhuoxingchem.com](http://www.zhuoxingchem.com)



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reduce the water consumption, thus improving the strength of concrete, improve the durability of concrete;

3. In the case of keeping the concrete slump and design strength unchanged, can save the amount of cement, thus reducing the cost;

4. Under the condition of keeping the slump of concrete unchanged, the purpose of saving cement dosage and improving concrete strength can be achieved through the mix ratio design;

5. Improve concrete and cohesion, water retention and easy pouring;

6. By reducing the amount of cement to reduce the hydration heat temperature rise of mass concrete, reduce the temperature crack;

7. Reduce concrete plastic crack, settlement crack and dry shrinkage crack;

8. Improve the concrete face type, etc.

The above is the use of efficient water reducer effect, of course, in use should also pay attention to the usage and dosage, in order to better use, if there are questions, welcome to inquire.

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