



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

High Water Reducer Series Polycarboxylate Acid Reducer

High Water Reducer Series Polycarboxylate Acid Reducer is suitable for the use of liquid polycarboxylic acid water reducer

mechanism of action

The action mechanism of High Water Reducer Series

Polycarboxylate Acid Reducer is as follows: the adsorption layer is formed after the polycarboxylate superplasticizer molecules are adsorbed on the surface of cement particles, which leads to the decrease of the dissolution rate of cement minerals, and the cement hydration rapidly enters the hydration induction period;

Through the coordination of carboxyl groups, the ion concentration in the solution and the selective adsorption of polycarboxylate superplasticizer on the hydration products can be reduced, and the nucleation and growth of the hydration products can be delayed, thus the formation of hydration acceleration period can be delayed.

Mobile/Wechat:0086 13053363281,0086 17865273019

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

Web site:<https://www.sdzhuoxingpce.com>,www.zhuoxingchem.com



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

In the process of practical application, due to different engineering on the specific requirements of concrete, namely of cement hydration characteristics of the different requirements, such as large volume concrete and pump concrete need to delay the cement hydration process, while the concrete early strength or antifreeze requirements need to accelerate the process of cement hydration, therefore, the application of polycarboxylate water reducing agent need to adjust, can compound with functional small material or according to the specific requirements for polycarboxylate water reducing agent and molecular structure design.

Scope of application

This High Water Reducer Series Polycarboxylate Acid Reducer mixture liquid after the scope of using polycarboxylic acid water reducing agent, applicable to all kinds of industrial and civil construction of pre mixing cast-in-situ concrete, also suitable for high strength high performance, high durability, superfluid state free vibration self-leveling self-compacting and steel fiber, and other special concrete, precast concrete, long distance transportation of concrete, concrete products, etc.

Mobile/Wechat:0086 13053363281,0086 17865273019

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

Web site:<https://www.sdzhuoxingpce.com>,www.zhuoxingchem.com



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



Mobile/Wechat:0086 13053363281,0086 17865273019

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

Web site:<https://www.sdzhuoxingpce.com>,www.zhuoxingchem.com