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BestFlow A380

High-range superplasticizer, rapid strength development for concrete.

Description:

- BestFlow A380 is a 3rd generation high-range superplasticizer, derived from the polycarboxylate ether.
- BestFlow A380 has the effect of greatly reducing the amount of mixing water, shortening the setting time, and promoting the development of very fast and very high strength, especially in the beginning.
- BestFlow A380 conforms to TCVN 8826-2011 class F.

Application: BestFlow A380 is used for the following types of concrete:

- Cantilevered concrete.
- Precast.
- Self-compacting concrete.
- Super high strength concrete, dense reinforcement...

Advantages: BestFlow A380 has the following outstanding features:

As a superplasticizer:

- Strong flow concrete with extremely low water/cement ratio.
- Self-compacting, easy to apply, no need for compaction...
- Increase density, improve surface quality.
- Significantly reduce shrinkage and cracking of concrete.
- Increased waterproofing for concrete.
- Suitable for climate conditions in Vietnam.

As a strength enhancer:

- Significant increase of early and final strength of concrete.
- Shorter placing time and accelerated the progress of projects.
- Shorten the time, speed up the construction progress, and reduce the cost of concrete maintenance.
- Does not contain chloride, so it can be used without restriction for reinforced concrete structures.

SPECIFICATION

Appearance:	Viscous liquid, light yellow to light brown appearance. The appearance could become as darker over time but does not affect the quality of the product.
Chemicals base:	Polycarboxylate Ether.
Dosage:	0.6 ÷ 1.4 liter/ 100 kg of cement.
Optimal dosage:	1.0 liter/ 100 kg of cement. Could use higher in a specific case.
Storage:	Dry and cool place. Avoid frost and direct sunlight.
Package:	210 litres/ drum, 1000 liters/ tank.

Shelf life: 12 months from the date of manufacturing in unopened condition.

Compatibility: Compatible with the most type of cement.

Density: 1.075 ± 0.02.

pH: 4.5 ± 1.0.

Dispensing:

- BestFlow A380 can be added directly to the pre-quantified water before being added to a dry concrete mixture.
- When added directly to wet concrete (pre-mixed with water), the plasticizing ability of the product will increase significantly and the minimum mixing time must reach 120 revolutions of the mixing tank (or mixing pad).
- Should use a forced mixer machine.

Overdosing:

When overdosing can lead to increased water separation and strong stratification, the setting time of the concrete can be prolonged (depending on the degree of overdose, the type of cement, and the grade of the concrete). ...). However, if the concrete is properly cured, the mechanical properties of the concrete will not be affected.

Note: Because the setting time of concrete can be prolonged, it is necessary to ensure that the concrete is properly cured and does not shake the formwork and reinforcement during the time when the concrete has not been set.

Health and Safety information:

- BestFlow A380 could have an allergy to sensitive skin if the contact for a long time.
- Should wear labor protection when the application.
- If eyes or mouth are affected wash with clean water and go to medical attention immediately.
- Avoid contact with foodstuffs and utensils.
- Keep out of reach of the children.
- The disposal of products should comply with the local requirements on the environment.

Disclaimer:

The technical information and application instructions in documents of BESTMIX are based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of the product, so users should test the product for each purpose. BESTMIX has the right to change the features of our product, user must always refer to the latest technology product.

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PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX® CONSTRUCTION CHEMICALS & ADMIXTURES
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