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# BestFlow A351

High level of SuperPlasticizing and strength development of concrete admixture.

## Description:

- BestFlow A351 is a 3rd generation high-range superplasticizer, derived from polycarboxylate ether.
- It reduces the amount of mixing water, shortens the setting time, and promotes the development of very fast and very high strength, especially in the early stages of a project.
- BestFlow A351 conforms to TCVN 8826-2011 class F.

## Application: BestFlow A351 is used for the following types of concrete:

- Cantilevered concrete.
- Precast. Prestressed concrete.
- Self-compacting concrete.
- Super high strength concrete, dense reinforcement...
- Concrete cast by extrusion technology.

## Advantages: The advantages of BestFlow A351:

### As a superplasticizer:

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

### As a strength enhancer:

- Extremely fast, high-strength development, especially in the early days.
- Significantly shorten the time, and speed up the construction progress for the works.
- Reduce concrete maintenance costs.
- Does not contain chloride, so it can be used without restriction for reinforced concrete structures.

## SPECIFICATION

<b>Appearance:</b>	Viscous, light brown liquid. The appearance could become as darker over time but does not affect to the quality of the product.
<b>Chemicals base:</b>	Polycarboxylate Ether.
<b>Dosage:</b>	0.6 ÷ 1.6 liter/ 100 kg of cement.
<b>Optimal dosage:</b>	1.0/ 100 kg of cement.
<b>Storage:</b>	Dry and cool place. Avoid frost and direct shine
<b>Package:</b>	210 litres/ drum, 1000 liters/ tank or on request.

## BESTMIX CORPORATION

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**Compatibility:** Compatible with most types of cement.

**Dispensing:**

- BestFlow A351 can be added directly to the pre-quantified water before being added to a dry concrete mixture or separately to the freshly mixed concrete.
- When added directly to wet concrete (pre-mixed with water), the plasticizing ability of BestFlow A351 will increase significantly.
- Possible to combine with other concrete admixtures but must be quantified and put into concrete separately for each type. Must be conducted a trial in actual conditions on site before use.

**Overdosing:**

When overdosed, it is flowability will be increased (might be segregated to concrete mix), and the setting time will be extended depending on the cement content and temperature. However, if proper curing must be ensured the physical performance of concrete and final strength will be not impaired.

**Notice:**

- Due to the extension of setting and hardening time, the curing must be done properly.
- Do not impact the steel reinforcement or framework during the setting time of the concrete mix.

**Concrete mix design for reference:**

Please consult the BestMix Technical Service Department for dosage rates to suit individual mix design mix requirements.

**Health and Safety information:**

- BestFlow R351 is inflammable.
- It 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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