

BestFlow WP308

Water-Proofing Concrete Admixture

Description:

- BestFlow WP308 is used to waterproof for concrete, main components include modified Lignosulphonates and polymer compound, used to mix directly into concrete when application.
- BestFlow WP308 is a compound double acting: plasticizer and waterproof agent are very effective for concrete.
- BestFlow WP308 meets the requirement of ASTM C494 class A and B.

Recommended for: BestFlow WP308 is used for structural concrete and massive concrete with water barrier function as:

- Pouring concrete for underground items such as foundation, bridge pile,...to protect from the damaging effects of reinforcement corrosion by oxidation, corrosion erosion. Especially in seawater, brackish water, sulphate environment...
- Pouring concrete for swimming pools, water containers for daily use, containers for processing waste water.....
- Pouring concrete for water pipes.....
- Pouring concrete for bottom, wall of basement, car park...
- Pouring concrete for waterproof mortar for terrace, balcony, gutter,...
- Pouring concrete for floor, slab of workshop, storage, ...

Advantage:

- The water-proofing ability that prolongs in accordance with the longevity of the building project, and doesn't age because of the affect of the weather condition.
- Maintain the water-proofing ability of the materials even when the material surfaces are damaged by the mechanical collisions or are corroded which happens to other normal water-proofing materials of surfaces.
- Improve the viscosity level of concrete, mortar and this make the work of executing, ramming and filling... become easier.
- Improve the compactness of the concrete and also improve the quality of the work's surface
- Minimize the surface fissure caused by the shrinkage when the cement becomes solid.
- Don't decrease the last intensity of compression resistance of the concrete like that happens to other normal materials.
- Improve the longevity of the underground building projects, protect the steel rod from being eroded, and rusty.....that are caused by the wetness like the water-proofing cases for surfaces.
- Not harmful to the health of people, doesn't contaminate the water resources for daily use which are directly contacted to the concrete and mortar.
- Suitable for the weather, climate and environment conditions of Vietnam.

Testing:

The results of testing and practical application are conducted in weather, climate and environment conditions of Vietnam.

Technical data:

Chemical content : Modified Lignosulphonates and compound Polymer.

Existence form: Light brown, liquid and viscosity.

Density (25°C):	1,15 ± 0,01 Kg/liter.
Solid content:	30%
Chloride content:	None
Package:	210 Liter/shell.
Holding condition:	Take a dry and cool place.
Shelf life:	12 months since the date of production

Using dose:**Mixing on site:**

Scope: **0.50 ÷ 1.20 L/100 kg cement.** However, normal dose **1.0 L/100 kg cement.**

To ensure the waterproof meet the requirement, minimum cement for 1m³ concrete is **350 kg** and ratio water/cement maximum is **0.50**

Mixing on concrete mixing plant (Ready-mix concrete):

- If ready-mix concrete with time of haul is over 30 minutes, should use combine BestFlow WP308 with super plasticizer, extend setting time R7R, according to dose:

BestFlow WP308: 1.0 L/100 kg cement.

Super R7R: 0.5 L/100 kg cement.

Compatibility:

BestFlow WP308 is suitable for all kinds of cements, including sulphate cement.

Mixing:

Should mix directly BestFlow WP308 PS016 into concrete compound which mixed 80% necessary water and mix more at least 05 minutes or equally 80 circles of mixing basin. Quantify each type of admixtures when mix with concrete.

Note:**Missing dose:**

Reduce the application and waterproofing capacity of concrete depending on the missing dose of actual application.

Over dose:

Improve the application and extend the setting time of concrete. However, compressive strength and final waterproofing of concrete is not fail.

Important note:

Necessary test aggregate before used for item. Read the manual before application.

Cleaning, safety:

- Do not contact it long time. Should wear labor protection when application.
- Avoid contacting directly to food, instruments of live activity, keep out of the reach of children.
- In case of accidental eye contact, wash with fresh water and seek medical advice immediately

Disclaimer:

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

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