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# BestAir LS250

Air-entraining admixture.

## Description:

- BestAir LS250 is an air-entraining admixture that provides extra protection to concrete. The product creates air bubbles that are ultra-stable, small, and closely cell – a characteristic especially useful in concrete is difficulty to entrain and maintain the air content desired.
- BestAir LS250 based on organic compound, multi-function. Highly recommend concrete application in Viet nam's climate.
- BestAir LS250 meets the requirements of standard ASTM C260.

## Application:

- Concrete exposed to cyclic freezing and thawing.
- Production of high-quality normal or lightweight concrete, lightweight mortar cement, and river's barrier concrete (heavyweight concrete normally does not contain entrained air).

## Advantages: BestAir LS250 has the following outstanding features:

- Greatly improved stability of air entrainment.
- Controllable the concentration of air as desired.
- Enhancing the setting time, working time, being able to transport for a long way.
- Reducing the cement: water ratio, and improving concrete strength.
- Good at resistance to damage from cyclic freezing and thawing.
- Improved plasticity and workability. Reduced segregation and bleeding.
- Improve the surface appearance. Do not crack, and do not shrinkage.
- Suitability for climate conditions in Viet Nam.

## Product data

Packaging	Shelf-life	Chemical base	Chloride contains
5; 25; 210 liter/ drum	1 year*	Hydrocarbon compound.	Not detected.

\*In unopened condition and store in a dry and cool place.

Appearance	Specific density	Water reduction	Air entrain range
Vicous, transparent to yellow appearance	1.01 ± 0.01 Kg/L	Maximum 4%	5 ÷ 15 %

**Dosage range:** 0.1 ÷ 1.0 liter/m<sup>3</sup> concrete.

**General dosage:** 0.25 ÷ 0.5 liter/ m<sup>3</sup> concrete. Could conduct a trial test before applying.

**Compatibility:** Compatible with Portland cement, stable sulfate cement. Suitable with concrete additives.

**Dispensing:**

- BestAir LS250 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 BestAir LS250 will increase significantly and the minimum mixing time must reach 80 revolutions of the mixing tank (or mixing pad).
- BestAir LS250 could combine with other concrete admixtures but DO NOT pre-mix the product and additives before adding to a dry concrete mixture. User must be conducted individually for each admixture.

**Overdosing:**

When the dosage is exceeded, it will significantly increase the content of air bubbles, reducing the compressive strength of the concrete (depending on the amount of overdose for each specific concrete mix and the weather during construction as well.)

**Notice:**

- Trial test is required to select an optimal dosage for each purpose.
- Use appropriate mixers, do not mix by hand.
- Do not use the product that is working time over.

**Health and Safety information:**

- BestAir LS250 is an alkalinity agent. It could have an allergy to sensitive skin if they contact for a long time.
- PPEs must be worn when applying.
- 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.

**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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