

Technical description

superplasticizer for concrete mixtures

Fortrise™-Strong



Manufacturing: "Fort" Ltd.
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Product description

Fortrise™ -Strong additive for concrete mixtures - superplasticizer, high Range Water Reducing. Fortrise™ -Strong is sodium polynaphthalene sulfonate. Fortrise™ -Strong has the advantage of high water reducing ratio, non-delayed coagulation, non-air entraining and strong adaptability. It can improve the workability of concrete to a large extent so as to reduce the water consumption for blending. Meanwhile, it can improve the strength of concrete.

Efficiency:

- Increase the mobility of the concrete mixture (sludge cone 210 mm or more);
- Increase strength characteristics of concrete up to 20% and more (owing to reducing of water consumption at constant cement consumption and concrete mix flow);
- Reduce cement consumption in equally-flow mixes by 15-20%;
- Greatly reduce time and power inputs for vibrating of concrete mix, and sometimes fully refuse vibrating.

Fortrise-Strong used in the production:

- Production of ready-mixed concrete;
- Recommended to use in reinforced concrete and constructions of monolith heavy-weight concrete of high compression strength, in production of constructions of fine concrete.;

Documentation:

Technical Terms 5745-006-13453677-2008,
The products comply with sanitary norms:
Sanitary - epidemiological conclusion 32.BO.21.574.P.001773.09.09 on 15.09.2009
Products not subject to mandatory certification.

Technical indicators:

Indicator	Norm	Actually
Appearance	brown powder	Yes
pH value	6-9	7,8
Solid Content, %	≥ 90%	95%
Chloride ion content, %	≤ 0,1	0,1
Sodium sulfate content, %	5-8	5,7

Package, storage:

The powder is packaged and stored in 20 kg bags. It is transported by any means of transport (non-dangerous goods). Store in original unopened containers in a dry room on pallets. Shelf life - 1 year from the date of manufacture.

Dosage:

Fortrise-Strong is added into concrete and mortar mixes in condition of water solution of working concentration in the amount 0.5-0.8% of dry substance from cement mass.

Proposed price and terms of delivery _____

Date _____ Comment _____

