

DESCRIPTION

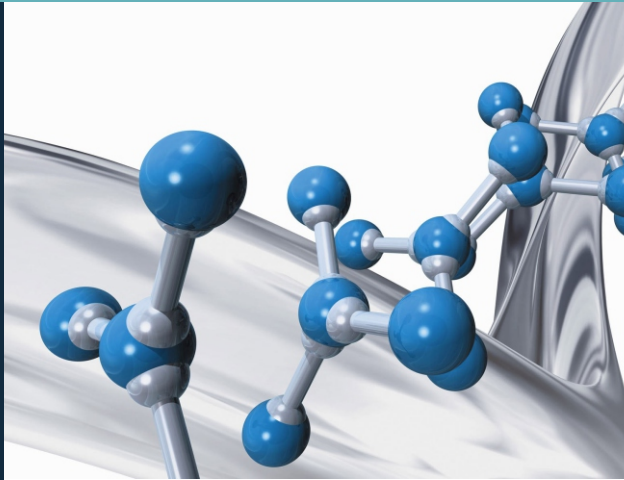
Complex additive GS-705 – is a high-performance liquid complex additive, created for the preparation of self-compacting mortar.

The additive includes the last generation of superplasticizers, the chemical basis of which is esters polycarboxylates, as well as a set of additives that provide acceleration of the hardening, increasing plasticity and preventing stratification of the filling solution. Additive GS-705 is compatible with all types of cements.

PURPOSE OF APPLICATION

The complex additive GS – 705 injection into the filling material provides:

- Acceleration of the strengthening of the solidifying stowing, which increases productivity and reduces cost of mining and filling works;
- Increase of the plasticity of the filling solution and reducing delamination during transportation, which facilitates its feeding through the concrete pipe;
- Increase of the final strength of the solid stowing by 10-15%;
- Reduction of the cement consumption for the preparation of 1 m³ of filling mix.



KEY BENEFITS

- Significantly accelerates hardening of the solid stowing
- Increases the final strength of the solid stowing by 10- 15%
- Has a long shelf-life
- Increases the labor efficiency during mining and filling works.

Technical Description

PROPORTIONING

The average consumption of a complex additive for the filling material GS-705 preparation is from 2 to 8 liters per 100 kg of cement.

Use of the additive GS-705 allows to reduce the cement dosage. The amount of dosage will depend on the setting time requirements, the rate of gaining early strength, the requirements for the plasticity of the filling solution.

It should be noted that the characteristics of the filling material, as well as the dosage of the additive, will be affected by the activity of cement and the characteristics of fillers used.

The proportion is established by the test results taking into account the local raw materials, technical requirements and working conditions.

SPECIFICATION

form	liquid
colour	brown

APPLICATION TECHNIQUE

It is recommended to add the additive into water concrete mix, or into the mixing water when preparing the filling solution on the packing complex. Careful and uniform mixing of the filling solution with the addition of GS-705 is required.

Do not add the additive to the dry mix. Also it is not recommended to mix with additives of other manufacturers.

SAFETY PRECAUTIONS

Avoid GS-705 additive contact with your eyes. If the contact occurs - rise with large amount of clean running water and immediately seek medical advice. Use rubber gloves and protective goggles during operation.

PACKAGE TYPE

Supplied in 1,000 liters euro cubes or in barrels of 200 liters.

STORAGE SHELF LIFE

Storage period in the manufacturer's packaging is 12 months from the date of manufacture. Avoid direct sunlight when storing. The additive GS-705 freezes at approximately -15 ° C, but after its complete thawing and thorough mixing it retains its original properties.

The provided information is based on our experience and present knowledge. Due to numerous factors (characteristics of cement, aggregates) having effect on the final result, a selection of recipes is required. For more information please contact to a manufacturer's representative