



Technical data sheet

CHRYSO® Stab

Air Entrainer/Retarder

Description

- CHRYSO® Stab is an admixture formulated specifically for the air entrainment and retardation of bricklaying mortars. CHRYSO® Stab with its build-in stabilisers will permit retardation of up to 36 hours.
- A feature of CHRYSO® Stab is that with average to good sands, it entrains air at a level of approximately 12 - 20% (depending on the quality of sand being used). A target of 15 - 20% air entrainment normally results in a target yield of 1700 - 1850 kg/m³. This yield results in considerable savings to the end user.
- The period of retardation increases with increased dosage of CHRYSO® Stab and decreases at high temperatures. Both the place-ability and the adhesive properties of the mortar will be dramatically improved through the use of CHRYSO® Stab.

Application guidelines

Dosage

The dosage rate should be adjusted according to the following guidelines:

- Cold to average weather: 0.8 to 1.2 L/100 kg cementitious
- Hot weather (≥ 25 °C): 1.2 to 1.8 L/100 kg cementitious
- CHRYSO® Stab should be added to the mix at the same time as the water

Physical and chemical properties

- Appearance: Dark brown liquid
 - pH: 11 - 12
 - Freeze point: 8 °C
 - SG: 1.175
- For optimum results with CHRYSO® Stab the water content should be adjusted so as to give a slump of 120 - 180 mm, depending on the type of mixer being used.
 - The sand for a bricklaying mortar should ideally have a low clay content and a typical FM of 1.2 - 2.0 and approximately 45% should pass a 0.3mm sieve.

Packaging

- Bulk
- Containers: 1 000 L
200 L
25 L

Health and safety

Fire

- CHRYSO® Stab is non-flammable

Spillage

- Accidental spillage may be mopped up and rinsed with fresh water.
- In case of contact with skin, rinse with fresh water. In case of contact with eyes, rinse with copious quantities of fresh water and seek medical assistance.
- For more information refer to Material Safety Data Sheet.

The information contained in this document is given to the best of CHRYSO's knowledge and is the result of extensive testing. However, this document will not under any circumstances be considered as a warranty involving CHRYSO's liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. CHRYSO specialists are at the disposal of the users in order to assist them with any problems encountered.