

# Chryso® ControlSet 125

Retarding Admixture

## DESCRIPTION

**Chryso® ControlSet 125** is a set retarding admixture, designed to facilitate the placing and finishing of concrete while providing control of set time. Chryso® ControlSet 125 is especially beneficial during hot weather concreting operations when control of setting time, hydration heat and maintenance of a placeable consistency are essential.

**Meets or exceeds the requirements of ASTM C-494 Type D**

## ADVANTAGES

- Reduces Peak Heat of Hydration in Mass Concrete
- Reduces Concrete Temperature Rise in Hot Temperatures
- Uniform Set Retardation, Increased Compressive and Flexural Strengths
- Helps Eliminate Cold Joints
- Contributes to Maintaining Slump Life During Extended Mixing Times
- Improved Finish
- Placement and Pumpability

## FIELDS OF APPLICATION

- All Cement Types
- Ready Mix Concrete
- Precast Concrete
- Hot Weather Concreting
- Mass Concrete
- HPC and UHPC Concrete

## Method of Use

### Dosage

- The recommended dosage rate for Chryso® ControlSet 125 is 2 to 7 oz/cwt (130 to 456 ml/100 kg) of cementitious material for a Type D.
- Chryso® ControlSet 125 can be added with the initial water or on the wetted concrete, it should not be added with or on the dry cement.
- Dosage rates vary as a function of concrete temperatures or when used in conjunction with other Chryso® admixtures.
- Trial mixes should be conducted to determine the dosage rate needed.
- Because local job conditions vary, please contact your local Chryso® sales representative for further assistance if using the product outside the recommended dosage ranges.

The information contained in this technical data sheet is given to the best of our knowledge and the result from extensive testing - which were conducted in order to remain as objective as possible. However, it cannot, in any case, be considered as a warranty involving our liability in case of misuse or any different use of our products, other than those from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users.

## TECHNICAL DATA SHEET

# Chryso® ControlSet 125

Retarding Admixture

Chryso  
Concrete  
Solutions

09/16/2025

### CHARACTERISTICS

<b>Product Nature</b>	Liquid
<b>Color</b>	Blue
<b>Shelf life</b>	9 months
<b>Cl<sup>-</sup> ions content</b>	≤ 0,100 %
<b>Specific gravity (25°C)</b>	1,075 ± 0,000
<b>pH (25°C)</b>	4,00

### PACKAGING

- 1000L Tote (275 gallons)
- 210 L (55 Gallons) Drum
- Bulk

### PRECAUTIONS

- Chryso® ControlSet 125 should be stored at or above 35°F (2°C). If frozen, thaw and agitate thoroughly to return to its normal state before use.
- Do not use pressurized air for agitation.
- Chryso® ControlSet 125 is compatible with most CHRYSO admixtures if they are added separately to the concrete mix.

### SAFETY

Prior to any use, please read carefully the Safety Data Sheet.

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