TECHNICAL DATA SHEET

Chryso Concrete Solutions

10/05/2026

Chryso®ControlSet 65

Set retarding admixture

DESCRIPTION

Chryso®ControlSet 65 is a set retarding admixture, designed to facilitate the placing and finishing of concrete while providing control of set time. Chryso®ControlSet 65 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

- Uniform Set Retardation
- Increased Compressive and Flexural Strengths
- Improved Finish
- Placement and Pumpability
- Contributes to Maintaining Slump Life During Extended Mixing Times
- Helps Eliminate Cold Joints

FIELDS OF APPLICATION

- All Cement Types
- Ready Mix Concrete
- Precast Concrete
- Hot Weather Concreting

Method of Use

Dosage

- The recommended dosage rate for Chryso®ControlSet 65 is 2 to 5 oz/cwt (130 to 325 ml/100 kg) of cementitious material for a Type D.
- Chryso®ControlSet 65 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

Implementation

- It is recommended that the product be added initial water or on the wetted concrete for optimum performance. It should not be added with or on the dry cement. Different sequencing may be used if local testing shows better performance.
- Please see Admixture Dispenser Discharge Line Location & Sequencing for Concrete Batching Operations for more information on product implementation.
- Pretesting of the concrete mix should be performed before use and as conditions and materials change in order to assure compatibility

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 "Applcation" 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. **www.chryso.com**

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with other admixtures, and to optimize dosage rates, addition times in the batch sequencing and concrete performance.

Equipment

- This product can be automatically dispensed using a complete line of accurate and reliable dispensing equipment designed for seamless integration into concrete batching systems.

CHARACTERISTICS

Product Nature	Liquid
Color	Brown
Shelf life	9 months
Cl^- Ions content	< 0,100 %
Specific gravity (25°C)	1,140 ± 0,000
pH (25°C)	8,50

This product does not contain any purposely added calcium chloride or other chloride based components. It will not promote or contribute to corrosion of reinforcing steel in concrete.

PACKAGING

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

PRECAUTIONS

- Chryso®ControlSet 65 should be stored at or above 34°F (1°C). If frozen, thaw and agitate thoroughly to return to its normal state before use.
- Do not use pressurized air for agitation.
- Chryso®ControlSet 65 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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