

CHRYSO® ControlSet 125

Set 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.

CHARACTERISTICS

Product Nature

Liquid

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

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. www.chryso.com

CHRYSO Inc. - 3958 Ruger Dr • Royse City • TX 75189 & PO Box 190 • Rockwall • TX 75087 Tél.:+1 (972) 772 6010

TECHNICAL DATA SHEET

CHRYSO® ControlSet 125

Set retarding admixture

Chryso
Concrete
Solutions

12/11/2024

Color	Blue
Shelf life	9 months
Cl⁻ ions content	< 0,100 %
Specific gravity (25°C) in g/ml	1,075 ± 0,000
pH (25°C)	4,00

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.

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.

PACKAGING

- 55 gallon drum
- 275 gallon tote
- Bulk

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. www.chryso.com

CHRYSO Inc. - 3958 Ruger Dr • Royse City • TX 75189 & PO Box 190 • Rockwall • TX 75087 Tél.:+1 (972) 772 6010