

TECHNICAL DATA SHEET

Chryso
Concrete
Solutions

10/11/2024

CHRYSO® TurboCast® 701

Accelerating Admixture
Non-Chloride

DESCRIPTION

CHRYSO TurboCast 701 is a non-chloride new generation accelerator for concrete, designed to provide a faster set and overall enhanced concrete strengths. CHRYSO TurboCast 701 allows reducing jobsite time and costs.

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

ADVANTAGES

- Allows for Slump Retention and High Early Strength Combination
- High Early and Ultimate Strength Performance
- Reduces Curing Time
- Facilitates Early Stripping
- Reduces Curing Costs

FIELDS OF APPLICATION

- All Cement Types
- Precast Concrete
- Ready Mix Concrete
- Concrete Patching
- Very High Early Strength Concrete
- Extended slump retention

Method of Use

Dosage

- The recommended dosage rate for CHRYSO TurboCast 701 is 8 to 90 oz/cwt (520 to 5850 ml/100 kg) of cementitious material for a Type C.
- CHRYSO TurboCast 701 can be added with the initial water or at the end of the batching sequence. It should not be added with or on the dry cement.
- Dosage rates may vary when used in conjunction with other CHRYSO admixtures.
- Trial mixes should be conducted to determine the dosage rate needed and the optimal dosage sequencing.
- 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 TurboCast 701 should be stored at or above 20°F (-7°C).

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

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Color	Clear Amber
Shelf life	12 months
Cl⁻ ions content	< 0,100 %
Specific gravity (25°C) in g/ml	1,230 ± 0,000
pH (25°C)	8,00

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.

If frozen, thaw and agitate thoroughly to return to its normal state before use.

- Do not use pressurized air for agitation.
- CHRYSO TurboCast 701 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

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