

# CHRYSO® NutraSet® TC

Hydration Controlling Admixture

## DESCRIPTION

CHRYSO® NutraSet® TC is a ready-to-use liquid solution designed to control the hydration process in Portland cement-based concrete and concrete wash water. CHRYSO® NutraSet® TC allows reducing disposal costs associated with concrete wash water, and reducing running water consumption.

Meets or exceeds the requirements of ASTM C-494 Type B and S

## ADVANTAGES

- Reduces Concrete Temperature Rise in Hot Temperatures
- Minimal Effect on Initial Slump
- Increases early and ultimate compressive and flexural strengths
- Enhanced Slump Retention
- Reduced Disposal Cost with Returned Concrete
- Reduces Concrete Build-up in the Drum

## FIELDS OF APPLICATION

- All Cement Types
- Ready Mix Concrete
- Precast Concrete
- Post Tensioned and Prestressed Concrete
- Hot Weather Concreting

## Method of Use

### Dosage

- The recommended dosage rate for CHRYSO® NutraSet® TC is 1 to 12 oz/cwt (65 - 783 ml/100 kg) of cementitious material for a Type B & S.
- For Wash Water Treatment the recommended dosage rate is 24 to 80 fluid ounces (710 to 2366 ml) per truck CHRYSO® NutraSet® TC 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 need.
- 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
Color	Blue

## PRECAUTIONS

- CHRYSO® NutraSet® TC 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.

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](http://www.chryso.com)

## TECHNICAL DATA SHEET

# CHRYSO® NutraSet® TC

Hydration Controlling Admixture

Chryso  
Concrete  
Solutions

12/11/2024

Shelf life	12 months
Cl <sup>-</sup> ions content	< 0,100 %
Specific gravity (25°C) in g/ml	1,135
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.

- CHRYSO NutraSet TC is compatible with most CHRYSO admixtures if 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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