

# CHRYSO® Quad 855 EMx

Multi-Range Water Reducing Admixture

## DESCRIPTION

CHRYSO® Quad 855 EMx is the latest generation of Water-Reducing Admixture designed to enhance the use of low-cost aggregates such as manufactured sands.

CHRYSO® Quad 855 EMx provides good workability retention to achieve targeted concrete quality and performance on-site at an optimized cost.

**Meets or exceeds the requirements of ASTM C-494 Type A and F**

## ADVANTAGES

- Allows Use of high proportions of Manufactured Sand
- High Early Strength
- Proprietary finishing aid improves workability and finishability
- Enhanced Slump Retention
- Reduces cracking and shrinkage
- Excellent Air Control
- Wide Range of Water Reduction With Little Impact on Set Time

## FIELDS OF APPLICATION

- All Cement Types
- Ready Mix Concrete
- Manufactured Sand
- Sands with High Fines
- High SCM Replacement
- High Early Strength
- Extended Slump Retention

## Method of Use

### Dosage

- The recommended dosage rate for CHRYSO® Quad 855 EMx is 2 to 10 oz/cwt (130 to 652 ml/100 kg) of cementitious material for a Type A and 6 to 20 oz/cwt (391 to 1304 ml/100 kg) of cementitious material for a Type F.
- CHRYSO® Quad 855 EMx can be added with the initial water or, for optimum performance, on the wetted concrete. 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.
- 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

## PRECAUTIONS

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)

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## TECHNICAL DATA SHEET

# CHRYSO® Quad 855 EMx

Multi-Range Water Reducing Admixture

Chryso  
Concrete  
Solutions

10/11/2024

<b>Product Nature</b>	Liquid
<b>Color</b>	Brown
<b>Shelf life</b>	12 months
<b>Cl<sup>-</sup> ions content</b>	< 0,100 %
<b>Specific gravity (25°C) in g/ml</b>	1,077 ± 0,000
<b>pH (25°C)</b>	3,90

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

- 55 gallon drum
- 275 gallon tote
- Bulk

- CHRYSO®Quad 855 EMx should be stored at or above 40°F (5°C). If frozen, thaw and agitate thoroughly to return to its normal state before use.
- Do not use pressurized air for agitation.
- CHRYSO®Quad 855 EMx is compatible with most CHRYSO admixtures if they are added separately to the concrete mix.
- However, it is not recommended for use in concrete containing naphthalene-based admixtures including ProPel AG, or melamine-based admixtures.

### SAFETY

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

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