TECHNICAL DATA SHEET

CHRYSO CONCRETE SOLUTIONS

05/16/2023

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 & F

GRAFT® TECHNOLOGY By CHRYSO

CLEAR® TECHNOLOGY By CHRYSO

BENEFITS

- 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.

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However,it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be con ducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs. **www.chryso.com**

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

CHRYSO SAINT-GOBAIN

CHRYSO®Quad 855 EMx

Multi-Range Water Reducing Admixture

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Cl⁻ Ions content	< 0,100 %
Specific gravity	1,077
pH	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 :

- Drum 215L
- IBC 1000L
- Bulk

PRECAUTIONS

- 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 Material Safety Data Sheets.

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