

CHRYSO®Omega 410

Multi-Range Water Reducing Admixture

DESCRIPTION

CHRYSO®Omega 410 is a last generation Water Reducing admixture based on CHRYSO most recent innovations regarding co-polymers synthesis. CHRYSO®Omega 410 provides extended slump retention and pumpability to achieve targeted concrete quality and performance on-site.

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

ADVANTAGES

- Extended Slump Life with Minimal Effect on Set time and Early Strength
- Increases early and ultimate compressive strengths
- Provides uniform, normal-setting characteristics
- Proprietary finishing aid improves workability and finishability
- Reduced Viscosity (Stickiness)

FIELDS OF APPLICATION

- All Cement Types
- Ready Mix Concrete
- Concrete Paving

METHOD OF USE

Dosage

- The recommended dosage rate for CHRYSO®Omega 410 is 3 to 10 oz/cwt (195 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®Omega 410 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 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

CHRYSO®Omega 410

Multi-Range Water Reducing Admixture

CHRYSO
CONCRETE
SOLUTIONS

07/29/2023

CHARACTERISTICS

Product Nature	Liquid
Color	Amber
Shelf life	10 months
Cl ⁻ Ions content	< 0.100
Specific gravity (25°C) in g/ml	1.040
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.

Packaging :

- 55 gallon drum (210 L)
- 264 gallon tote (1000 L)
- Bulk

PRECAUTIONS

- CHRYSO®Omega 410 should be stored at or above 33°F (2°C). If frozen, thaw and agitate thoroughly to return to its normal state before use.
- Do not use pressurized air for agitation.
- CHRYSO®Omega 410 is compatible with most CHRYSO admixtures if 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.

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