

CHRYSO® Plast 405

Normal Water Reducing Admixture

DESCRIPTION

CHRYSO Plast 405 is a water-reducing admixture designed to improve the overall concrete performance for ReadyMix and paving applications. CHRYSO Plast 405 provides good workability and improves hardened concrete durability.

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

ADVANTAGES

- Improved Finish, Placement and Pumpability
- Increases early and ultimate compressive and flexural strengths
- Reduces cracking and shrinkage
- Improves Cementitious Material Performance (More PSI/lb)

FIELDS OF APPLICATION

- All Cement Types
- Ready Mix Concrete
- Hot Weather Concreting

METHOD OF USE

Dosage

- The recommended dosage rate for CHRYSO® Plast 405 is 3 to 6 oz/cwt (195 to 390 ml/100 kg) of cementitious material for a Type A and 4 to 7 oz/cwt (260 to 455 ml/100 kg) of cementitious material for a Type D.
- CHRYSO® Plast 405 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

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CHARACTERISTICS

Product Nature	Liquid
Color	Brown
Shelf life	9 months
Cl⁻ Ions content	< 0.100
Specific gravity (25°C) in g/ml	1.144
pH (25°C)	5.30

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®Plast 405 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®Plast 405 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.

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