

# CHRYSO® EnviroMix® 310

## Full Range Water Reducing Admixtures

### DESCRIPTION

CHRYSO EnviroMix® 310 improves the concrete's workability and finishability and delivers superior water reduction over a wide range of dosage rates while maintaining near neutral set times.

Meets the requirements of ASTM C494, Types A and F

### ADVANTAGES

- Allows better utilization of mixes incorporating high volumes of pozzolans such as fly ash
- Allows Use of high proportions of Manufactured Sand
- Proprietary finishing aid improves workability and finishability
- High Early Strength
- Reduces cracking and shrinkage
- Improves Cementitious Material Performance (More PSI/lb)
- High SCM usage contributes to the protection of our environment (Reduction of CO<sub>2</sub> emissions encouraged by LEED directives)

### FIELDS OF APPLICATION

- All Cement Types
- Ready Mix Concrete
- Manufactured Sand
- High SCM Replacement
- Concrete Paving

### METHOD OF USE

#### Dosage

- The recommended dosage rate for CHRYSO EnviroMix® 310 is 2 to 8 oz/cwt (130 to 520 ml/100 kg) of cementitious material for a Type A and 6 to 16 oz/cwt (391 to 1045 ml/100 kg) of cementitious material for a Type F.
- CHRYSO EnviroMix® 310 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

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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### PRECAUTIONS

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## Full Range Water Reducing Admixtures

<b>Product Nature</b>	Liquid
<b>Color</b>	Amber
<b>Cl<sup>-</sup> Ions content</b>	< 0.100
<b>Specific gravity (25°C) in g/ml</b>	1.060
<b>pH (25°C)</b>	5.00

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

- CHRYSO® EnviroMix® 310 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.
- CHRYSO® EnviroMix® 310 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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