TECHNICAL DATA SHEET

Chryso Concrete Solutions

10/07/2026

Chryso®Mira 310

Multi-Range Water Reducing Admixture

DESCRIPTION

Chryso®Mira 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

- Enables higher pozzolan content, including fly ash
- Supports increased manufactured sand usage
- Improves workability and finishability
- Delivers high early strength
- Reduces cracking and shrinkage
- Enhances cementitious material performance

FIELDS OF APPLICATION

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

Method of Use

Dosage

- Dosage rates vary based on cement type, mix design, aggregate properties, environmental conditions, and project requirements.
- The typical dosage range is:
  - Type A: 2 to 8 oz/cwt (130 to 520 ml/100 kg) of cementitious material
  - Type F: 6 to 16 oz/cwt (391 to 1045 ml/100 kg) of cementitious material
- Dosage rates may vary when used in conjunction with other Chryso admixtures.
- If conditions require using more than the recommended addition rates, please consult your Chryso representative.

Implementation

- It is recommended that the product be added with the initial water or on the wetted concrete for optimum performance. Different sequencing may be used if local testing shows better performance.
- Pretesting of the concrete mix should be performed before use and as conditions and materials change in order to assure compatibility with other admixtures, and to optimize dosage rates, addition times in the batch sequencing and concrete performance.

Complimentary Products

- Chryso®Mira 310 is compatible with most Chryso admixtures as long as they are added separately to the concrete mix.
- This product is not recommended for use in concrete containing naphthalene-based admixtures including ProPel AG, or melamine-based admixtures.
- Pretesting is recommended to verify compatibility with all mix components and ensure desired performance outcomes.
- Consult your Chryso representative for guidance on product combinations & compatibility.

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 "Applcation" 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**

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chryso SAINT-GOBAIN

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CHARACTERISTICS

Product Nature	Liquid
Color	Amber
Cl^- Ions content	< 0,100 %
Specific gravity (25°C)	1,060
pH (25°C)	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

- 210 L (55 Gallons) Drum
- 1000L Tote (275 gallons)
- Bulk

PRECAUTIONS

- Avoid prolonged exposure to temperatures below 34°F (1°C), as extreme conditions may affect product performance.
- If the product is exposed to freezing temperatures, gently thaw and agitate thoroughly before use.

SAFETY

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

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