



## Chryso® Mira 62

Mid-Range Water Reducing Admixture

### DESCRIPTION

**Chryso Mira 62** is a mid-range water-reducing admixture designed to improve concrete workability, strength development, and durability. It is ideal for ready-mix, paving, and precast applications requiring consistent performance across varying slumps. This

product features linear dose water reduction, making it well-suited for superior dispersion and early strength development in concrete mixtures.

**Meets or exceeds the requirements of ASTM C494 Type A & F**

### ADVANTAGES

- Linear water reduction capability
- Superior strength performance
- Near-Neutral set times
- Superior workability and finishability
- Improved performance with pozzolans

### FIELDS OF APPLICATION

- All Cement Types
- Ready-Mix Concrete
- Precast Concrete
- Manufactured Concrete Products
- Lightweight Concrete
- Cold Weather Concrete
- Hot Weather Concrete

### 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 2.5–15 fl oz/100 lbs (160–1000 mL/100 kg) of cementitious material.
- If conditions require using more than the recommended addition rates, please consult your Chryso® representative.

#### Implementation

- It is recommended that the product be added near the end of the batch sequence for optimum performance. Different sequencing may be used if local testing shows better performance.
- Please see [Admixture Dispenser Discharge Line Location & Sequencing for Concrete Batching Operations](#) for more information on product implementation.
- 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.

#### Equipment

- This product can be automatically dispensed using a complete line of accurate and reliable dispensing equipment designed for seamless integration into concrete batching systems.

#### Complimentary Products

- Chryso Mira 62 is compatible with most Chryso® admixtures as long as they are added separately to the concrete mix.
- This product is not compatible with admixtures containing naphthalene or melamine-based materials, as these may negatively impact performance.

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.

## TECHNICAL DATA SHEET



**Chryso  
Concrete  
Solutions**

09/02/2025

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- For concrete that requires air entrainment, the use of an ASTM C260 air-entraining agent is recommended to provide suitable air void parameters for freeze-thaw resistance.
- 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.

### Performances

- Reduces water demand through linear dose efficiency
- Increases early compressive strength without compromising set time
- Lowers concrete permeability to enhance durability
- Maintains consistent performance across wide slump ranges (3–8 in.)
- Facilitates superior dispersion of cementitious materials

### CHARACTERISTICS

<b>Product Nature</b>	Liquid
<b>Color</b>	Colourless to light yellow
<b>Shelf life</b>	9 months
<b>Cl<sup>-</sup> ions content</b>	< 0,100 %
<b>Specific gravity (25°C)</b>	1,062
<b>pH (25°C)</b>	5,00

### PRECAUTIONS

- Avoid prolonged exposure to temperatures below 32°F (0°C), as extreme conditions may affect product performance.
- If the product is exposed to freezing temperatures, gently thaw and agitate thoroughly before use.
- Do not use direct heat to accelerate thawing.
- Do not use pressurized air for agitation.
- Protect from direct sunlight and moisture to maintain product integrity.

### PACKAGING

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

### SAFETY

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

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