

Chryso® Fluid Premia 150

High Range Water Reducing Admixture
Ultra-High Performance Concrete (UHPC)

DESCRIPTION

Chryso® Fluid Premia 150 is a new generation high range water reducing admixture based on modified polycarboxylates. It leverages concrete strength performance to optimize mix design and provide

extended pumpability and flowability to increase productivity and reduce production costs.

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

ADVANTAGES

- Promotes high early & ultimate strength performance
- Enhances finishing, placement & pumpability
- Reduces viscosity (stickiness)
- Improves flowability

FIELDS OF APPLICATION

- All Cement Types
- HPC & UHPC Concrete
- Post Tensioned
- Prestressed Concrete
- Precast Concrete
- High Early Strength 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:
 - Type A: 3 to 6 oz/cwt (195 to 391 ml/100 kg) of cementitious material.
 - Type F: 5 to 40 oz/cwt (326 to 2600 ml/100 kg) of cementitious material.
- Optimal dosage rates depend on other concrete mixture components, job conditions, and desired performance characteristics.
- If conditions require using more than the recommended addition rates, please consult your Chryso® representative.

Implementation

- It is recommended that the product be added initial water or on the wetted concrete for optimum performance. Different sequencing may be used if local testing shows better 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.
- Consult your Chryso® representative for recommendations on appropriate equipment.

Complimentary Products

- Chryso® Fluid Premia 150 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 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 "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

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TECHNICAL DATA SHEET

**Chryso
Concrete
Solutions**

03/18/2025

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CHARACTERISTICS

Product Nature	Liquid
Shelf life	12 months
Cl⁻ ions content	< 0,100 %
Specific gravity (25°C) in g/ml	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 40°F (5°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 pressurized air for agitation.

SAFETY

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

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