

Chryso® Adva ITM 750

High Range Water Reducing Admixture

DESCRIPTION

ADVA® ITM750 is a high efficiency, low addition rate polycarboxylate-based high-range water reducer designed for in-transit management of concrete workability. It is designed to impart extreme workability without segregation to the concrete.

Meets or exceeds the requirements of ASTM C494 Type F & S

ADVANTAGES

- Produces concrete with high levels of workability without segregation
- Provides consistent slump retention
- Enhances concrete rheology and handling properties
- Improves finishability and surface finishes
- Maintains consistent air entrainment

FIELDS OF APPLICATION

- All Cement Types
- Precast Concrete
- Ready-Mix Concrete
- Post Tensioned and Prestressed Concrete
- Self Consolidating Concrete (SCC)

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 F: 3 to 10 oz/cwt (195 to 650 mL/100 kg)
 - Type S: 0.1 to 3 oz/cwt (6.5 to 195 mL/100 kg)
- 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 near the end of the batch sequence 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.

Equipment

- A complete line of accurate, automatic dispensing equipment is available.
- Product can also be added to the concrete via the [VERIFI® In-Transit Concrete Management System](#).
- Consult your Chryso® representative for recommendations on appropriate equipment.

Complimentary Products

- ADVA® ITM750 is compatible with most CHRYSO® admixtures as long as they are added separately to the concrete mix.
- 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.

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® Adva ITM 750

High Range Water Reducing Admixture

Chryso
Concrete
Solutions

04/29/2025

- 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

- Impart improved workability to the concrete and to achieve high early compressive strength.
- Produces concrete with very low water/cementitious ratios while maintaining normal levels of workability.

CHARACTERISTICS

Product Nature	Liquid
Color	Brown
Shelf life	12 months
Cl ⁻ Ions content	< 0,100 %
Specific gravity (25°C) in g/ml	1,079
pH (25°C)	5,20

PRECAUTIONS

- Avoid prolonged exposure to temperatures below 32°F (0°C) or above 132°F (55°C), as extreme conditions may affect product performance.
- If the product is exposed to freezing temperatures, dispose of according to local regulations.

SAFETY

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

PACKAGING

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

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