

Chryso® Daravair AT30

Air entraining admixture

DESCRIPTION

Daravair® AT30 is a liquid air-entraining admixture designed to improve freeze-thaw resistance, enhancing finishability, air stability, and yield control. It is ideal for ready-mix, precast, and prestressed concrete requiring intentional air entrainment. This product features

a high-grade blend of saponified rosin and organic acid salts, making it well-suited for concrete with high cement factors or low slump that demand stable air content over time.

Meets or exceeds the requirements of ASTM C260

ADVANTAGES

- Enhances air stability over time
- Improves resistance to freeze-thaw cycles
- Increases finishability and plasticity
- Supports yield control and consistency
- Optimizes performance in low-slump and high-cement mixes

FIELDS OF APPLICATION

- All Cement Types
- Precast Concrete
- Post Tensioned and Prestressed Concrete
- Ready Mix Concrete
- Concrete Exposed to Freeze Thaw
- Optimization of coarse sand particle size distribution

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 0.25–3.0 fl oz/100 lbs (15–200 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 beginning of the batch sequence, preferably by “dribbling” on the sand, for optimum performance. Different sequencing may be used if local testing shows better performance.
- Product should not be added directly to heated water.
- 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 to assure compatibility and optimize 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

- Daravair® AT30 is compatible with most Chryso® admixtures as long as they are added separately to the concrete mix.
- 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.

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Performances

- Stabilizes microscopic air bubbles for improved workability and plasticity
- Reduces surface bleeding, plastic shrinkage, and segregation
- Elevates durability in freeze-thaw environments and exposure to de-icing salts
- Protects against sulfate, alkaline, and sea water attack
- Enables reductions in water content without loss of slump

CHARACTERISTICS

Product Nature	Liquid
Color	Brown
Shelf life	12 months
Cl⁻ Ions content	< 0,100 %
Specific gravity (25°C)	1,017
pH (25°C)	10,60

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.

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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