

Chryso® Air G100

Air entraining admixture

Chryso
Concrete
Solutions

06/27/2025

DESCRIPTION

CHRYSO® Air G100 is an aqueous solution used to improve concrete durability, especially in challenging environments. CHRYSO® Air G100 creates a stable air void system to improve durability. CHRYSO® Air G100 also improves fresh concrete workability and placeability to achieve targeted concrete quality and performance on-site.

Meets or exceeds the requirements of ASTM C-260

ADVANTAGES

- Enhances resistance to freeze-thaw
- Maintains air stability from plant to jobsite
- Minimizes segregation
- Increases surface paste for superior finishing
- Improves pumpability
- Reduces bleeding & permeability

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

- The recommended dosage rate for CHRYSO® Air G100 is 0.2 to 7.5 oz/cwt (13 to 488 ml/100kg) of cementitious material.
- CHRYSO® Air G100 should be added with the initial water or on the sand.
- All admixtures should be added separately.
- Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using the product outside the recommended dosage ranges.

CHARACTERISTICS

Product Nature	Liquid
Color	Red
Shelf life	12 months
Cl ⁻ Ions content	≤ 0,100 %
Specific gravity (25°C)	1,008

PRECAUTIONS

- CHRYSO® Air G100 should be stored at or above 34°F (1°C). If frozen, thaw and agitate thoroughly to return to its normal state before use.
- Do not use pressurized air for agitation.
- CHRYSO® Air G100 is compatible with most CHRYSO admixtures if added separately to the concrete mix.

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

CHRYSO Inc. - 3958 Ruger Dr • Royse City • TX 75189 & PO Box 190 • Rockwall • TX 75087 Tel.: +1 (972) 772 6010

TECHNICAL DATA SHEET

Chryso® Air G100

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pH (25°C)

10,00

SAFETY

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.

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

PACKAGING

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

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