

Quad® 804

Clay Inhibitor

DESCRIPTION

Chryso®Quad 804 is a water reducing admixture designed to optimize concrete performance in the presence of excess fines or swelling clays, improving binder dispersion, workability, and mix consistency. It is ideal for concrete applications using challenging sands containing high fines or reactive clays requiring enhanced admixture

response. This product features recent polymer technologies and uses **CLEAR®** (*Clay Enabling Admixture Response*) technology, making it well-suited for mix designs with difficult aggregates or variable sand quality.

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

ADVANTAGES

- Reduces the viscosity of concretes containing high levels of fines.
- Ensures effective binder dispersion by enhancing the admixture dosage rate (PCP) & increasing workability retention.
- Improves placing and good concrete finishing.

FIELDS OF APPLICATION

- All Cement Types
- Type IL Cement
- Ready-Mix Concrete
- Harsh & Contaminated Aggregates

Method of Use

Dosage

- Dosage rates vary based on cement type, mix design, aggregate properties, environmental conditions, and project requirements.
- The optimum dosage can only be established after a preliminary diagnosis of the sand being used.
- The typical dosage range is 2 to 10 oz/cwt (130 to 652 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 to the water before mixing for optimum performance. Different sequencing may be used if local testing shows better performance.
- Should the product be added to fresh concrete, mix at high speed and then at low speed (with a minimum of 3 minutes at each speed).
- 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®Quad 804 is compatible with most Chryso® admixtures as long as they are added separately to the concrete mix.
- 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

Quad® 804

Clay Inhibitor

Chryso
Concrete
Solutions

10/08/2025

CHARACTERISTICS

Shelf life	12 months
Product Nature	Liquid
Color	Amber-Brown
Cl ⁻ Ions content	≤ 0,100 %
Specific gravity (25°C)	1,050 ± 0,020

PACKAGING

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

PRECAUTIONS

- Protect from direct sunlight, frost and moisture to maintain product integrity.
- 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.

SAFETY

- This product is classified as harmless. Chryso® will provide onsite assistance when requested.
- For more information, please refer to the material safety data sheet.

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

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