

Chryso® Morset Set Accelerator (formerly Morset®)

Set Accelerating Admixture

DESCRIPTION

Chryso® Morset Set Accelerator is a non-chloride, non-corrosive admixture that accelerates cement hydration resulting in shortened setting times and increased early strengths. Chryso® Morset Set Accelerator is an aqueous solution of organic and inorganic compounds and does not contain any chloride compounds such as calcium chloride. Chryso® Morset Set Accelerator is manufactured to comply with the requirements of ASTM C1384, Standard Specification for Admixtures for Masonry Mortars.

Chryso® Morset Set Accelerator is used wherever it is desirable to reduce the setting time of mortar or stucco. Chryso® Morset Set Accelerator is not an anti-freeze admixture nor is it intended to prevent mortar from freezing. When used in conjunction with cold weather practices (see CHMA TEK 3-01C), Chryso® Morset Set Accelerator provides superior performance and allows for construction to continue.

ADVANTAGES

Chryso® Morset Set Accelerator speeds up the reaction between the cement and the water so that at any given time, more of the gel, the binder that glues the sand particles together, is produced. The gel provides the set and strength properties of the mortar. It is produced more rapidly in mortar admixed with MORSET and is responsible for the set acceleration. The formation of gel is accompanied by the generation of heat. Chryso® Morset Set Accelerator, a non-corrosive, non-chloride set accelerating admixture provides setting time results and early strength development similar to calcium chloride, but without the corrosive effect of calcium chloride. Chryso® Morset Set Accelerator can therefore be used where potential corrosion of embedded steel must be avoided. It can be used where uncoated or coated steel reinforcement or ties are present.

Method of Use

Dosage

The addition rate of Chryso® Morset Set Accelerator will depend upon the acceleration required for specific job conditions. It is recommended that the exact addition rate be determined by testing with the actual materials under job site conditions. The following addition rates are offered as a guideline and are based on average performance with a variety of materials and conditions. Chryso® Morset Set Accelerator should be added separately to the mix. It can be added on the sand, in the water, or after all other ingredients are in the mixer.

Additional Usage Recommendations

Because Chryso® Morset Set Accelerator does not contain chloride, it does not contribute to efflorescence. When pigments are used to provide a specific color tone, trial batches are recommended to ensure the desired color is developed and to establish the range of addition rates allowed. Chryso® Morset Set Accelerator is compatible with other Chryso admixtures, but they must be added separately to the mix. Additionally, testing with the specific materials is recommended to ensure the results obtained are acceptable.

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
Concrete
Solutions

03/04/2026

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CHARACTERISTICS

Product Nature	Liquid
Color	Yellow
Apparent density	1,300
pH (25°C)	9,00

PACKAGING

- 13L Pail (3.5 Gallons)
- 1000L Tote (275 gallons)
- 210L Drum (55 gallons)

ADDITIONAL INFORMATION

AIR TEMP °F (°C)	PORTLAND CEMENT/LIME OZ/BAG (ML/BAG)	MASONRY OR MORTAR CEMENT OZ/BAG (ML/BAG)	PREBLENDED DRY MASONRY MORTAR* OZ FOR 3 CUBIC FT OF MORTAR PRODUCED ML / CUBIC M OF MORTAR PRODUCED
50 (10)	16 (500)	8 (250)	8 (3)
32 - 50 (0 - 10)	32 (1000)	16 (500)	16 (6)
20 - 32 (-7 - 0)	48 (1500)	24 (750)	24 (8)
< -7	64 (2000)	32 (1000)	32 (11)

*Preblended dry masonry mortar is a mix of dry aggregate (sand), Portland cement and hydrated lime, blended hydraulic cement, masonry cement, hydraulic cement, or mortar cement; and may contain additives used to enhance one or more properties.

PRECAUTIONS

Chryso® Morset Set Accelerator will freeze at approximately -5°F (-20°C) but its properties are completely restored by thawing and thorough agitation.

SAFETY

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

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