



TurboCast[®]

Acceleration System for Precast Concrete

CHRYSO[®]Turbo F50

Description

CHRYSO[®]Turbo F50 is a specific formulation which modifies cement initial hydration reactions.

CHRYSO[®]Turbo F50 is used in the precast industry in order to obtain very high short-term mechanical strengths.

CHRYSO[®]Turbo F50 acts in synergy with CHRYSO[®]Cast M50

Characteristics

- Nature: liquid
- Color: Yellow
- Density: $1,250 \pm 0,010$
- pH: $9 \pm 2,0$
- Cl⁻ ions contents: $\leq 0,10 \%$
- Na₂O equivalent: $\leq 0,5 \%$
- Dry extract (halogen 150 °C): $30,0 \% \pm 1,5 \%$
- Dry extract (EN 480-8) : $30,0 \% \pm 1,5 \%$

Packaging

- Bulk
- 215 L barrels
- 1000 L containers

Method of use

Dosage: 3 to 15 kg for 100 kg of cement.
An 8 % dosage of the product to the weight of cement is commonly used.

CHRYSO[®]Turbo F50 is perfectly miscible in water. It must be added into the mixing water.

Precautions

- Store away from frost.
- Do not mix CHRYSO[®]Turbo F50 with organic products.
- Do not premix CHRYSO[®]Turbo F50 and CHRYSO[®]Cast M50 together.
- CHRYSO[®]Turbo F50 and CHRYSO[®]Cast M50 must be used in association with a compatible high water reduction superplasticizer.
- Shelf life: 18 months

CHRYSO[®]Cast M50

Description

CHRYSO[®]Cast M50 F50 is a specific formulation which modifies cement initial hydration reactions.

CHRYSO[®]Cast M50 is used in the precast industry in order to obtain the appropriate concrete workability.

CHRYSO[®]Cast M50 acts in synergy with CHRYSO[®]Turbo F50.

Characteristics

- Nature: liquid
- Color: milky yellow
- Density: $1,06 \pm 0,01$
- pH: $4,0 \pm 0,5$
- Cl⁻ ions contents: $\leq 0,10 \%$
- Na₂O equivalent: $\leq 0,3 \%$
- Dry extract (halogen 150 °C): $30,0 \% \pm 1,5 \%$
- Dry extract (EN 480-8): $31,0 \% \pm 1,5 \%$

Packaging

- 215 L barrels
- 1000 L containers

Method of use

Dosage: 0.05 to 0.5 kg for 100 kg of cement.
A 0.5 % dosage of the product to the weight of cement is commonly used.

CHRYSO[®]Cast is perfectly miscible in water. It must be added into the mixing water.

Precautions

- Store away from frost.
- Do not premix CHRYSO[®]Cast M50 and CHRYSO[®]Turbo F50 together.
- CHRYSO[®]Cast M50 and CHRYSO[®]Turbo F50 must be used in association with a compatible high water reduction superplasticizer.
- Shelf life: 18 months



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Safety

CHRYSO® Turbo F50 is classified as "irritating". Handling may cause irritation by contact. Wearing the appropriate protective equipment (safety glasses, gloves, mask and/or covering clothes) according to the exposure is essential.

CHRYSO® Cast M50 is classified as "harmless". In case of exposure, it is recommended to wear your protective equipment.

Before use, please refer to the safety data sheets on our internet site www.chryso.com

The information contained in this document is given to the best of our knowledge and the results from extensive testing. However, it cannot, under any circumstances be considered as a warranty involving our liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. Our specialists are at the disposal of the users in order to help them with any problem encountered.

"Please enquire for the latest update"

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