TECHNICAL DATA SHEET

Chryso Concrete Solutions

16/11/2026

CHRYSO®Xel C205

Set Accelerator

DESCRIPTION

Accelerating admixture

- CHRYSO®Xel C205 accelerating admixture is based on calcium chloride. It is supplied as a clear solution, which instantly disperses in water.
- CHRYSO®Xel C205 enhances the early stages of cement hydration, producing more rapid stiffening and hardening. This allows final finishing or mould stripping to begin at an earlier age without damaging the concrete surface.

BENEFITS

- Accelerated stiffening allows earlier demoulding and faster turnaround of moulds.
- Assists in overcoming delays in concrete finishing caused by cold weather.
- Allows finishing to begin at an earlier stage.

PHYSICAL and CHEMICAL PROPERTIES

Product Nature	Liquid
Color	Pale yellow
Specific Gravity	1.33
pH	4.5
Chloride content	Yes
Air entrainment	<1%
Alkali content	<5.0 g Na20 = ℓ of admixture

PACKAGING

- 25 ℓ jerry can
- 200 ℓ drum
- 1000 ℓ flow bin
- Bulk delivery on request

METHOD OF USE

CHRYSO®Xel C205 can be used with all types of ordinary Portland cements and cement replacement materials such as PFA, GGBFS and silica fume.

- To accelerate stiffening and early hardening of concrete and mortar that do not contain embedded metal.
- To accelerate the stiffening and early age strength development of trench fill systems.

Dosage :

- The optimum dosage of CHRYSO®Xel C205 to meet specific requirements should always be determined outside the typical ranges quoted may be used if necessary and suitable to meet particular mix requirements, provided that adequate supervision is available.
- CHRYSO®Xel C205 is compatible with other CHRYSO® admixtures used in the same concrete mix.
- All admixtures should be added to the concrete separately and must not be mixed together before addition.
- The performance of concrete containing more than one admixture should be assessed by trial mixes to ensure the desired combination of effects is obtained.

SAFETY

- For more information refer to the material safety data sheet.

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

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However,it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be con ducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs. **za.chryso.com**

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