

CHRYSO®Xel C205

Set Accelerator

Chryso
Concrete
Solutions

15/08/2025

DESCRIPTION

Accelerating admixture

- CHRYSOXel C205 accelerating admixture is based on calcium chloride. It is supplied as a clear solution, which instantly disperses in water.
- CHRYSOXel 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	Yellow
Lifetime	12 months
Halogen Dry Extract	35,00 % ± 2,00
Cl ⁻ Ions content	≤ 0,100 %
pH	3,00 ± 1,00
Dry extract (EN 480-8)	35,00 % ± 2,000
Specific Gravity	1.315 ± 2
Viscosity	8 - 15 secs (Ford #4 Cup)

PACKAGING

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

METHOD OF USE

CHRYSOXel 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.