

# Technical data sheet

# CHRYSO® Xel C105

## Accelerating admixture

### Description

CHRYSO®Xel C105 accelerating admixture is based on calcium chloride. It is supplied as a clear solution, which instantly disperses in water.

CHRYSO®Xel C105 enhances the early stages of cement hydration, producing more rapid stiffening and hardening. This allows final finishing or formwork stripping to begin at an earlier age without damaging the concrete surface.

### Advantages

- 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

### Application Guidelines

#### Use

CHRYSO®Xel C105 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 foamed mortar systems

#### Directions

- 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 foamed mortar systems

### Physical and chemical properties

- Appearance: liquid
- Colour: clear to pale yellow
- Specific gravity(25 °C): 1.23
- pH: 4
- Chloride content: Yes
- Air entrainment: <1%
- Alkali content: <5.0 g Na<sub>2</sub>O = ℓ of admixture

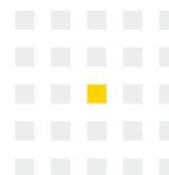
### Dosage

- The optimum dosage of CHRYSO®Xel C105 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 C105 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.

### Packaging

- 25 ℓ jerry can
- 200 ℓ drum
- 1000 ℓ flow bin
- Bulk tanker loads
- Delivery on request

The information contained in this document is given to the best of our knowledge and is the result of objective testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be carried out before the product is used to ensure that the methods and conditions of the use of the product are satisfactory. Our specialists remain as the disposal of the users to help with any problem they may have.



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### Health and safety

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

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