

# CHRYSO®Xel

Hardening Accelerator

## DESCRIPTION

- CHRYSO®Xel is a chloride-free liquid admixture which when added to concretes and mortars during mixing gives accelerated setting time and high mechanical strengths

## BENEFITS

- Accelerated setting time (especially at low temperatures).
- High early strengths.
- CHRYSO®Xel has a significant plasticising effect and water reduction benefits.

### Fresh Concrete

- Accelerated setting and hardening. Increased workability at equal water content.
- Improved cohesion within the mix, and therefore reduced segregation during transport, placing and compaction.

### Hardened Concrete

- Higher initial strengths.
- Earlier demoulding or stripping of formwork.
- Increased strengths at equal cement contents.
- Equal strengths at reduced cement contents.
- Enhanced compaction.
- Reduced permeability.
- Improved durability.

## PHYSICAL and CHEMICAL PROPERTIES

Cl <sup>-</sup> Ions content	≤ 0,100 %
Product Nature	Liquid
Color	Brown
Lifetime	12 months
Halogen Dry Extract	36,50 % ± 2,00
pH	8,00 ± 1,00
Dry extract (EN 480-8)	36,50 % ± 2,000
Specific Gravity	1.23 ± 2
Viscosity	8 - 15 Secs (Ford #4 Cup)

## PACKAGING

- 25 ℓ jerry can
- 200 ℓ drum

## METHOD OF USE

### Dispensing

- The use of manual or automatic dispensing equipment will ensure correct / accurate dispensing.
- Chryso can assist in this regard. Curing In keeping with good concrete practice, normal curing methods apply.
- CHRYSO®Cure WB concrete curing compound is recommended.

### Compatibility

- CHRYSO®Xel can be used with all Portland cements and / or blast furnace slag cement with or without pozzolanic additives, except aluminous cement.
- CHRYSO®Xel can be used in conjunction with other Chryso admixtures. Consult your Chryso representative for advice.

### Dosage :

- 1 – 2 litre per 100 kg cementitious.
- Optimum dosage should be determined by trials under site or factory conditions.

## PRECAUTIONS

### Storage

- CHRYSO®Xel has a shelf life of 18 months from date of manufacture. Supply Direct all inquiries to CHRYSO.

## SAFETY

- CHRYSO®Xel is non-toxic.
- In case of contact with skin, rinse with fresh water.
- In case of contact with eyes, rinse with copious quantities of fresh water and seek medical assistance.

### Spillage

- Accidental spillage may be mopped up and rinsed with fresh water.

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 conducted 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](http://za.chryso.com)

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- 1000 ℓ flow bin

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