

# CHRYSO®XeI 650

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### Set Accelerating Admixture

#### ■ Features

**CHRYSO@XeI 650** is a non chloride based set accelerating admixture which helps the first reactions of hydration especially at low temperature. **CHRYSO@XeI 650** reduces significantly setting time and improves early compressive strengths.

#### ■ Benefits

- Set is accelerated and mechanical strength grows rapidly, so that frost does not damage fresh concrete.
- **CHRYSO@XeI 650** works as a catalyst for hydration reaction, especially at low temperature.
- **CHRYSO@XeI 650** is a special formulation which accelerates the hardening of concrete.

#### ■ Areas of Application

**CHRYSO@XeI 650** is especially adapted for any concrete application requiring increased early compressive or flexural strengths without detriment to ultimate strengths.

1. Compatible with all types of cement
2. Recommended for CEM III cement
3. Precast (with or without steam curing)
4. Moulded concrete
5. Prestressed concrete
6. Ready-Mixed Concrete
7. Traditional construction
8. All concreting when high early strength are needed .

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### ■ Description:

#### Characteristics:

**CHRYSO@Xel 650** is a chemically stable liquid.

- |                                 |                           |
|---------------------------------|---------------------------|
| 1.Nature :                      | liquid                    |
| 2.Colour :                      | Clear to Yellowish        |
| 3.Density :                     | 1.175 ± 0.020             |
| 4.pH :                          | 8 ± 2                     |
| 5.Cl <sup>-</sup> ions content: | nil to EN 934 and BS 5075 |

**CHRYSO@Xel 650** does not contain any purposely added calcium chloride or other chloride based components. It will not promote or contribute to corrosion of reinforcing steel in concrete.

#### Packaging:

- Bulk
- IBC : 1000 L
- Drums: 215 L
- Pails: 20 L

### ■ Directions for use:

#### Dosage

Between 0.4 and 2.5 kg per 100 kg of cement. A 1.5 % dosage of the product to the weight of cement is commonly used.

**CHRYSO@Xel 650** is completely miscible in water. It can be added to part or all of the mixing water depending on the required plasticity. The correct quantity of **CHRYSO@Xel 650** should be measured using a recommended dispenser.

Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using outside recommended dosage ranges.

#### Compatibility

**CHRYSO@Xel 650** is compatible with all types of Portland cement, class C and F fly ash, slag, micro silica, calcium chloride, fibers and approved air entraining admixtures.

#### Precaution:

- Store away from frost. Use **CHRYSO@Xel 650** at a temperature superior to 0°C.
- Should the product freeze, its properties can be recovered after thawing and agitating thoroughly.
- Shelf life: 12 months.

### ■ Safety:

**CHRYSO@Xel 650** is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.

#### About CHRYSO:

Worldwide leader for cement and concrete additives for over 70 years, **CHRYSO** has been designing, producing, specifying and delivering its added-value solutions to the construction professionals with outstanding innovation and quality service. As a result, **CHRYSO**'s brand and products have been associated with the most prestigious and demanding construction projects over the globe.

Manufactured under License by,



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