

## CHRYSO® PREMIA 550

High range water reducing Super plasticizing admixture

### DESCRIPTION

**CHRYSO® Premia 550** is a new generation superplasticiser – high range water reducer, based on modified polycarboxylate.

**CHRYSO® Premia 550** is particularly recommended for concrete requiring high short and long-term compressive strengths.

**CHRYSO® Premia 550** enables very low W/C ratios to be produced in the concrete.

**CHRYSO® Premia 550** gives fresh concrete dynamic properties that improve formwork filling.

Thanks to its short-term performances, **CHRYSO® Premia 550** allows whether to reduce the time before demoulding or to save energy by decreasing temperature or time of steam curing.

### FIELDS OF APPLICATION

#### Types of Applications

- Heavy prefabrication
- HPC, VHPC and UHPC
- Pre-stressed concrete
- Plastic to fluid concretes
- Self-compacting concrete

#### Compatibility with Cements

- All types of cement

### INDICATIVE INFORMATION

<b>Product Nature</b>	liquid
<b>Color</b>	Yellow to green
<b>Lifetime</b>	9 months
<b>Cl<sup>-</sup> ions content</b>	≤ 0,100 %
<b>Equivalent Content NA<sub>2</sub>O</b>	≤ 0,01 %
<b>Specific gravity</b>	1,050 ± 0,000
<b>pH</b>	6,00 ± 1,00

### PACKAGING

- 20L Container
- 215 L Barrel
- Container of 1000L

### METHOD OF USE

#### Dosage :

0.3 to 3.0 kg for 100 kg of cement.

- A 1.0% dosage of the product of the weight of cement is commonly used.
- It is preferable to add **CHRYSO® Premia 550** to the water before mixing the concrete. However, it can be added afterwards.

### PRECAUTIONS

- Avoid prolonged exposure to high temperatures.
- Protect from frost.
- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

### NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.

### SAFETY

For further information, please refer to the safety data sheet on our internet site [www.uk.chryso.com](http://www.uk.chryso.com).