

## CHRYSO® PREMIA 180

High range water reducing Super plasticizing admixture

### DESCRIPTION

**CHRYSO® Premia 180** is a new generation superplasticiser- high range water reducer, based on modified polycarboxylate.

**CHRYSO® Premia 180** is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining workability.

**CHRYSO® Premia 180** enables the production of concrete with very low W/C ratios.

**CHRYSO® Premia 180** enables the production of self-consolidating concrete.

### BENEFITS

- Improved compaction
- Increased concrete strengths.
- Reduced mould wear.
- Improved production rates.
- Cement optimisation without strength loss.
- Wide range of applications.
- Versatile dosage range.

### FIELDS OF APPLICATION

#### Types of Application

- All types of cement
- Self-consolidating concrete
- Slump flow superior to 50mm
- High performance concrete – very high performance concrete
- Prestressed concrete
- Precast

#### Compatibility with Cements

- All types of cement
- Pulverised fuel ash
- Ground granulated blastfurnace slag

### METHOD OF USE

#### Dosage :

0.3 to 3.0 kg for 100 kg of cement.

- This product must be added to the mixing water or later on, on concrete.
- Should the product be added to fresh concrete, into the mixing truck, it is necessary to mix at high speed, and then at low speed (with a minimum of 3 minutes, at each speed).

### 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 homogenous again.

### NORMATIVE AND REGULATORY INFORMATION

- This product conforms to UKCA and CE marking.

### SAFETY

**CHRYSO® Premia 180** is classified as "harmless". In case of exposure it is recommended to wear normal protective equipment.

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

### INDICATIVE INFORMATION

Product Nature	Liquid
Color	Opalescent green-grey
Lifetime	12 months
Halogen Dry Extract	21,50 % ± 1,00

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. [www.chryso.uk](http://www.chryso.uk)

Saint-Gobain Construction Chemicals UK Ltd. - Saint-Gobain House, East Leake, Loughborough, Leicestershire, United Kingdom, LE12 6JU

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admixture

<b>Cl<sup>-</sup> Ions content</b>	≤ 0,100 %
<b>Equivalent Content Na<sub>2</sub>O</b>	≤ 1,50 %
<b>Specific gravity</b>	1,040 ± 0,010
<b>pH</b>	4,50 ± 0,00
<b>Dry extract (EN 480-8)</b>	21,91 % ± 1,000

**PACKAGING**

- Bulk delivery on request
- Container of 1000L
- 215 L Barrel

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