

TECHNICAL DATA SHEET

UK
CAChryso
Concrete
Solutions

20/12/2024

CHRYSO® PREMIA 196

High range water reducing Super plasticizing admixture

DESCRIPTION

CHRYSO® Premia 196 is a new generation superplasticiser- high range water reducer, based on modified polycarboxylate.

CHRYSO® Premia 196 is particularly recommended for concrete requiring high short and long term compressive strengths.

CHRYSO® Premia 196 enables very low W/C ratios to be achieved in concrete.

CHRYSO® Premia 196 is particularly recommended for self-levelling concrete. Thanks to its short term performances.

CHRYSO® Premia 196 allows either to reduce time before demoulding or to save energy by decreasing steam-curing temperature or time.

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 between 50 and 210mm
- High performance concrete – very high performance concrete – ultra high performance concrete
- Prestressed concrete
- Precast

Compatibility with Cements

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

INDICATIVE INFORMATION

| | |
|--------------------------------------|-----------------|
| Product Nature | liquid |
| Color | Yellow to green |
| Lifetime | 12 months |
| Halogen Dry Extract | 25,00 % ± 1,20 |
| Cl ⁻ ions content | ≤ 0,100 % |
| Equivalent Content NA ₂ O | ≤ 1,50 % |
| Specific gravity | 1,055 ± 0,010 |

METHOD OF USE

Dosage :

0.3 to 3.0 kg for 100 kg of cement.

- A 0.8% dosage of the product of the weight of cement is commonly used.
- This product must be added to the mixing water or later on, on concrete.

PRECAUTIONS

- 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 UKCA and CE Marking. The appropriate declaration can be found on our internet site.

SAFETY

This product classified as “harmless”. 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.

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.

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| | |
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| pH | 7,50 ± 2,00 |
| Dry extract (EN 480-8) | 25,30 % ± 1,200 |

PACKAGING

- 20L Container
- Container of 1000L
- Bulk delivery on request

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