

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

| | |
|--------------------------------------|-----------------|
| Product Nature | Liquid |
| Color | Yellow to green |
| Lifetime | 9 months |
| Cl ⁻ Ions content | ≤ 0,100 % |
| Equivalent Content Na ₂ O | ≤ 0,01 % |
| Specific gravity | 1,050 ± 0,000 |
| pH | 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.