

CHRYSO® Fluid Premia 360

New Generation, high range water reducing/ superplasticizing admixture

DESCRIPTION

- Chryso® Fluid Premia 360 is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate.
- Chryso® Fluid Premia 360 is particularly recommended for concrete requiring high short and long-term compressive strengths.

BENEFITS

- Chryso® Fluid Premia 360 enables very low W/C ratios to be produced in the concrete.
- Chryso® Fluid Premia 360 gives fresh concrete dynamic properties that improve formwork filling.
- Thanks to its short-term performances, Chryso® Fluid Premia 360 allows whether to reduce the time before demoulding or to save energy by decreasing temperature or time of steam curing.

PHYSICAL and CHEMICAL PROPERTIES

Product Nature	Liquid
Colour	Brown/Green
Specific Gravity (25 °C)	1.070
pH	5.0
Cl ⁻ ion content	≤0.10 %
Na ₂ O equiv.	≤1.00 %
Dry extract (halogen)	32.30 % ± 1.50
Dry extract (EN 480-8)	32.30 % ± 1.50

Standards :

- Chryso® Fluid Premia 360 conforms to CE marking.
- Chryso® Fluid Premia 360 is a superplasticizer – high range water reducer which conforms to NF-EN 934-2.

PACKAGING

- 25 ℓ jerry can
- 200 ℓ drum
- 1000 ℓ flow bin
- Bulk delivery on request

METHOD OF USE

- All types of cement.
- Heavy prefabrication.
- HPC, VHPC and UHPC.
- Pre-stressed concrete.
- Plastic to fluid concretes.
- Self-compacting concrete.

Dosage :

- The optimum dosage of Chryso® Fluid Premia 360 can only be established after trial tests, taking into consideration working conditions as well as the materials, the required setting time, type of support, temperature, workability retention of the concrete and type of cement. This will allow for the optimisation of admixture dosage and mix design.
- Dosage: between 0.3 and 3.0 kg per 100 kg of cement.
- A 0.8 % dosage of the product to the weight of cement is commonly used.
- It is preferable to add Chryso® Fluid Premia 360 to the water before mixing the concrete. However, it can be added afterwards.

PRECAUTIONS

Storage :

- Chryso® Fluid Premia 360 has a shelf life of 12 months starting from the date of manufacture, provided no other chemicals are added to it.
- Do not store product at high temperatures for long periods of time.
- The product should be stored away from the rain and frost in clean, dry tanks, at a temperature above 0°C.
- Should the product freeze, it keeps its properties, after thawing it is necessary to agitate thoroughly until complete recovery of a homogenous product.
- Do not store the product at high temperatures for long periods.

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SAFETY

- **CHRYSO® Fluid Premia 360** is classified as harmless. In case of exposure, it is recommended to wear your protective equipment.
- CHRYSO will provide onsite assistance when requested.
- Refer to the material safety data sheet for more info.

Prior to any use, please read carefully the Material Safety Data Sheets.