

# CHRYSO®Plast Alpha 55

Water retaining admixture

With plasticizing effect



**CHRYSO®Plast Alpha 55** slightly reduces the weight of the precast elements without altering their mechanical performances.

**CHRYSO®Plast Alpha 55** allows optimisation of the dosage of cement in order to obtain a specific class of resistance.

**CHRYSO®Plast Alpha 55** increases mechanical strength at 24 hours.

**CHRYSO®Plast Alpha 55** eases the placing of dry concrete.

## Indicative characteristics

- Nature: liquid
- Colour: Brown
- Shelf life: 18 months

## Specifications

- Specific gravity (20°C):  $1,130 \pm 0,010$
- pH:  $9,00 \pm 2,00$
- Solid content (halogen):  $29,00\% \pm 1,40\%$
- Solid content (EN 480-8):  $29,70\% \pm 1,40\%$
- Na<sub>2</sub>O equivalent:  $\leq 3,50\%$
- Cl<sup>-</sup> ions content:  $\leq 0,10\%$

## Norms and regulations

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- This product conforms to NF 085 certification, which technical specifications are those applied in the non harmonised part of NF EN 934-2.

## Domains of application

- All cement types excluding white cement
- Machine manufactured and drycast
- Precast

## 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.

## Method of use

Dosage: 0.30 to 1.20 kg for 100 kg of cement.

This product is completely miscible in water.

This product must be added to the mixing water before adding to the mixer.

The optimum dosage of this product can only be established after trial tests, taking into account the rheological characteristics and the required mechanical performances of the concrete.

At the indicated dosages, air entrained is superior to 2.00%.

## Safety

This product is classified as "harmless". In case of exposure, it is recommended to wear your protective equipment.

Before use, refer to the safety data sheet on our internet site [www.chryso.com](http://www.chryso.com)