



# Technical data sheet

# CHRYSO® Alpha Color 400

## Concrete Colour Enhancer & Efflorescence Inhibitor

### Description

- CHRYSO® Alpha Color 400 is a chloride-free admixture especially designed to improve the properties of semi-dry, pigmented or unpigmented concrete products.

### Advantages

- Reduction of concrete porosity and controls or inhibits efflorescence occurring.
- Improves the mechanical properties of semi-dry, pigmented or unpigmented concrete.
- Improves mould filling and compaction.

### Application Guidelines

#### Use

- Concrete paving blocks
- Concrete rooftiles
- Concrete bricks
- Concrete masonry units

### Dosage

- The optimum dosage of CHRYSO® Alpha Color 400 can only be established after trial tests, taking into account local conditions affecting the workability of the mix and the mechanical properties required for concrete.
- Typical:
  - By volume: 0.20 to 0.60 ℓ per 100 kg of cementitious material (including extenders)
  - By weight: 0.21 to 0.62 kg per 100kg cementitious material (including extenders)

### Physical and chemical properties

- Physical state: liquid
- Colour: cream beige
- Specific gravity (25 °C): 1.020
- pH: 11

### Storage

- Shelf life: 12 months.
- In the case of an extended storage period, a light agitation will be necessary to homogenise the product.
- Should the product freeze, it will recover its properties after controlled thawing and agitating.
- On site dosing systems will require a stirring/circulation system to be incorporated into bulk storage tanks provided.

### Packaging

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

### Health and safety

- CHRYSO® Alpha Color 400 is classified as harmless.
- CHRYSO will provide onsite assistance when requested.
- For more information refer to the material safety data sheet.

The information contained in this document is given to the best of our knowledge and is the result of objective testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be carried out before the product is used to ensure that the methods and conditions of the use of the product are satisfactory. Our specialists remain as the disposal of the users to help with any problem they may have.