TECHNICAL DATA SHEET

CE

Chryso
Concrete
Solutions

05/12/2024

# CHRYSO®Fuge C

Hydrophobic pore blocking waterproofing admixture

## DESCRIPTION

**CHRYSO®Fuge C** is a pore blocking waterproofer which reacts with the lime in cement to form water repelling particles, which prevent the pore capillary action within concrete.
**CHRYSO®Fuge C** enables concrete and mortars to resist the penetration of water through capillary action or water under pressure.

**CHRYSO®Fuge C** does not significantly modify the characteristics of fresh or hardened concrete.

## BENEFITS

- Use of **CHRYSO®Fuge C** will significantly reduce water absorption and chloride ion ingress.
- Integral waterproofing even if surfaces are damaged.
- Low environmental impact.

## PACKAGING

- 210 L drum
- IBC 1000L

## FIELDS OF APPLICATION

**CHRYSO®Fuge C** is recommended for all concrete mixes where low water absorption and penetration is required, for high durability concrete.

- All cement types
- Interblocking paving blocks
- Basins
- Foundation concrete below water table
- Reservoirs
- Slabs
- Tanks
- Waterproof coating
- Marine construction
- Concrete in contact with water
- etc

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 con ducted 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. **www.chrysogulf.com**
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# CHRYSO®Fuge C

Hydrophobic pore blocking waterproofing admixture

## INDICATIVE INFORMATION

| | |
|---|---|
| **Product Nature** | liquid |
| **Color** | White |
| **Lifetime** | 9 months |
| **Specific gravity** | 1,035 ± 0,020 |
| **pH** | 11,00 ± 2,00 |

$Cl^-$ ion content: nil to EN 934 and BS 5075.

## METHOD OF USE

- This product is completely miscible in water.
- 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.
- **CHRYSO®Fuge C** should be added along with the mixing water to maximise its effect. The correct quantity should be measured using a recommended dispenser.
- Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using outside recommended dosage ranges.
- Between 0.5 to 1.5 kg per 100 kg of cement. A 1.0 % dosage is commonly used.

## PRECAUTIONS

- Protect from frost.
- In case of prolonged storage (bulk or barrel), before use, rehomogeneise product by light agitation or mixing via a recirculating pump.
- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

**Compatibility:**

**CHRYSO®Fuge C** is compatible with all types of Portland cement, class C and F fly ash, slag, micro silica, fibers and approved air entraining admixtures.

## NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.

## SAFETY

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

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