

# CHRYSO® Fuge E

Water resisting admixture

## DESCRIPTION

**CHRYSO® Fuge E** chemically reacts with the free lime in cement to form pore blocking solids, which prevent the pore capillary action within concrete. Concrete and mortar treated with **CHRYSO® Fuge E** have increased resistance to water penetration, either by capillary action or under pressure.

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

**CHRYSO® Fuge E** is compatible with all **CHRYSO® Optima**, **Premia** and **CHRYSO® Omega** ranges of water reducers.

## BENEFITS

- Use of **CHRYSO® Fuge E** and **CHRYSO® Optima** will significantly reduce water absorption and chloride ion ingress.
- Integral waterproofing even if surfaces are damaged.
- Low environmental impact.
- Suitable with all cement types: OPC, SRC and cement replacement materials GGBS, PFA, SFA and microsilica.

## FIELDS OF APPLICATION

- Marine construction
- Precast
- Pipes
- Mineral rendering
- etc

## CHARACTERISTICS

<b>Product Nature</b>	liquid
<b>Color</b>	White
<b>Lifetime</b>	12 months
<b>Specific gravity</b>	1,020 ± 0,020
<b>pH</b>	10,50 ± 2,00

## NORMATIVE AND REGULATORY INFORMATION

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

## PACKAGING

- 1000 L IBC
- 215 L drum
- 20 L bucket

## METHOD OF USE

- For other dosages, consult us.
- 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.

• Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using outside recommended dosage ranges.

### Dosage :

0,5 to 1,5 kg per 100 kg of cement.

## PRECAUTIONS

- Protect from frost.
- In case of prolonged storage (bulk or barrel), before use, rehomogenise 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.
- Use at a temperature above 0° C.

## SAFETY

• **CHRYSO® Fuge E** is alkaline and it is recommended that normal industrial precautions are taken : gloves, goggles. Refer to safety data sheet.

• **CHRYSO® Fuge E** is non-flammable.