

CHRYSO Fuge E

Hydrophobic pore blocking waterproofing admixture

DESCRIPTION

CHRYSO®Fuge E form pore blocking solids, which obstruct the pore capillary action within the concrete.

Concrete and mortar treated with CHRYSO®Fuge E has increased resistance to water penetration, either by capillary action or under pressure.

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

CHRYSO®Fuge E can be used with other Chryso Optima®100 and Optima®1000 rangesuperplasticizers

BENEFITS

- Use of CHRYSO®Fuge and CHRYSO®Fluid 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

SPECIFICATIONS

| | |
|-------------------------|---|
| Product Nature | liquid aqueous solution of organic components |
| Color | White |
| Lifetime | 12 months |
| Water solubility | Water soluble |
| Specific gravity | 1,014 ± 0,020 |
| pH | 10,00 ± 2,00 |

PACKAGING

- 20L Container
- 200 L drum
- IBC 1000L

METHOD OF USE

- A 1.0% dosage of the product of the weight of cement is commonly used.

CHRYSO®Fuge E is completely miscible in water. It should be added along with the mixing water to maximise its effect. The correct quantity of CHRYSO®Fuge E should be measured using a recommended dispenser.

Dosage :

0.05 to 3.0 kg for 100 kg of cement.

The optimum dosage of CHRYSO®Fuge E can only be established after trial tests, taking into account local conditions, materials and specification requirements.

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

Consumption :

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

- 1.Structural concrete.
- 2.Precast concrete.
- 3.Piling.
- 4.Coastal and marine structures.
- 5.Sub-surface concrete.
- 6.Water retaining concrete.
- 7.Water treatment works.
- 8.Desalination plants

PRECAUTIONS

- Homogenise before use.

SAFETY

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