

CHRYSO®Fuge CQ 12

Hydrophobic pore blocking waterproofing admixture



DESCRIPTION

CHRYSO®Fuge CQ 12 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 CQ 12** has increased resistance to water penetration, either by capillary action or under pressure.

CHRYSO®Fuge CQ 12 does not significantly modify the characteristics of fresh or hardened concrete.

BENEFITS

- Use of **CHRYSO®Fuge CQ 12** 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 CQ 12 is recommended for all concrete mixes where low water absorption and penetration is required, for high durability concrete.

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

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INDICATIVE INFORMATION

Product Nature	liquid
Color	White
Lifetime	9 months
Specific gravity	1,000 ± 0,020
pH	9,00 ± 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.
- Between 0.5 and 2.5 kg per 100 kg of cement.
- **CHRYSO®Fuge CQ 12** 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.

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.

Compatibility:

- **CHRYSO®Fuge CQ 12** is compatible with all types of Portland cement, class C and F fly ash, slag, micro silica, fibers and approved air entraining admixtures.

SAFETY

CHRYSO®Fuge CQ 12 is alkaline and it is recommended that normal industrial precautions are taken.

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