

CHRYSO®Fuge CQ 600

Hydrophobic pore blocking waterproofing admixture

DESCRIPTION

CHRYSO®Fuge CQ 600 contains organic polymers which react with free lime produced during normal hydration to produce a hydrophobic material.

CHRYSO®Fuge CQ 600 is supplied as a low viscosity colourless liquid that instantly disperses in water.

CHRYSO®Fuge CQ 600 is chloride, bituminous and ammonia free. **CHRYSO®Fuge CQ 600** does not significantly modify the characteristics of fresh or hardened concrete.

BENEFITS

- Use of **CHRYSO®Fuge CQ 600** will significantly reduce water absorption and chloride ion ingress.
- Integral waterproofing even if surfaces are damaged.
- Low environmental impact.

PACKAGING

- IBC 1000L
- Bulk delivery on request

FIELDS OF APPLICATION

CHRYSO®Fuge CQ 600 is recommended for all concrete mixes where low water absorption and penetration is required, for high durability concrete.

- Structural concrete.
- Precast concrete.
- Piling.
- Coastal and marine structures.
- Sub-surface concrete.
- Water retaining concrete.
- Water treatment works.
- Desalination plants

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INDICATIVE INFORMATION

Product Nature	liquid
Color	Colourless
Lifetime	12 months
Water solubility	Soluble
Specific gravity	1,018 ± 0,020
pH	13,00 ± 2,00

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 CQ 600** 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 1.5 and 2.0 Liters per 100 kg of cement. A 1.8 % dosage of the product to the weight of cement is commonly used.

PRECAUTIONS

Compatibility:

CHRYSO®Fuge CQ 600 is compatible with all types of Portland cement, class C and F fly ash, slag, micro silica, fibers and approved air entraining admixtures.

- Store away from frost. Use **CHRYSO®Fuge CQ 600** at a temperature above 0°C.
- Should the product freeze, its properties can be recovered after thawing and agitating thoroughly.
- **CHRYSO®Fuge CQ 600** is compatible with other Chryso admixtures when used in the same concrete mix, but should be added to the mix separately and must not be mixed together prior to addition.

SAFETY

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