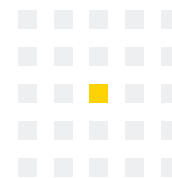


Technical data sheet

CHRYSO® Fuge ME 600

Hydrophobic pore blocking waterproofing admixture



Description

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

Advantages

- CHRYSO®Fuge ME 600 is chloride, bituminous and ammonia free
- It will not promote the corrosion of reinforcing steel
- Will significantly reduce water absorption and chloride ion ingress
- An integral waterproofing system that is a permanent solution
- Low environmental impact
- Reduces efflorescence
- Suitable with most cement types (OPC, SRC and SCMs like GGBS, PFA, SFA and microsilica)

Standards

CHRYSO®Fuge ME 600 conforms to EN 934-2

Physical and chemical properties

- Physical state: liquid
- Colour: colourless
- Specific gravity (@ 25°C): 1.02 (±0.01)
- pH (working dilution): > 9
- Cl- ions content: nil (EN934 and BS 5075)
- Viscosity: 8 – 15 (ford #4 cup)
- Solubility of preparation in water: instantly disperses in water

Application guidelines

Use

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

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

Dosage

The optimum dosage of CHRYSO®Fuge ME 600 can only be established by using trial tests; taking into account local conditions, materials and specification requirements.

Range:

- 1.8% dosage per 100 kg of cementitious material (typical)
- 1.5 – 2.0 ℓ per 100 kg of cementitious material (Recommended)

Directions for use

CHRYSO®Fuge ME 600 is completely miscible in water. It should be added along with the mixing water to maximise its effect.

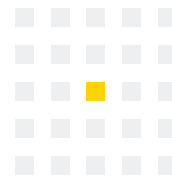
Storage

- Store away from frost. CHRYSO®Fuge ME 600 should be used in temperatures above 10°C
- Should the product freeze, its properties can be recovered after thawing and agitating thoroughly
- Shelf life: 12 months

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Packaging

- Bulk
- 1000 ℓ non-returnable container
- 25 ℓ non-returnable container

Health and safety

CHRYSO will provide onsite assistance when requested. Refer to the material safety data sheet.

Disclaimer: The information contained in this document is given to the best of CHRYSO's knowledge and is the result of extensive testing. However, this document will not under any circumstances be considered as a warranty involving CHRYSO's liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. CHRYSO specialists are at the disposal of the users in order to help them with any problems encountered.