

Technical data sheet

CHRYSO® Alpha Block S600

Plasticiser for Brick and Pave

Description

CHRYSO® Alpha Block S600 is a chloride free liquid chemical admixture.

CHRYSO® Alpha Block S600 has been specially designed for use in the manufacture of light precast concrete with immediate formwork release (concrete blocks, bricks, curbs, pipes, paving stones, etc.).

CHRYSO® Alpha Block S600 is also recommended as a plasticiser for concretes made with harsh or poorly graded aggregates, especially those having a low fines content.

Advantages

Fresh concrete:

- Increased workability at constant c/w ratio.
- Equal workability at reduced water content.
- Greatly improved flow characteristics.
- Reduced bleeding.
- Facilitates easier filling, compaction and demoulding in block, brick and paver machines.
- Reduced costs per cubic metre of concrete.

Hardened concrete:

- Greatly reduces surface cracking due to drying shrinkage.
- Reduces permeability of concrete.
- Increases durability and resistance to chemical attack.
- Dramatically improved appearance on moulded concrete surface, particularly those made with harsh or poorly graded aggregates.

Physical and chemical properties

- Appearance: liquid
- Colour: yellowish brown
- Specific Gravity: 1.03
- pH: 10
- Water solubility: Very good

Application Guidelines

Use

- CHRYSO® Alpha Block S600 can be used with all Portland cements and / or blast furnace slag cements with or without pozzolanic additives, except aluminous cement.
- CHRYSO® Alpha Block S600 can be used in conjunction with other CHRYSO additives.

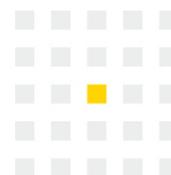
Dosage

- 120 to 300 litre per 100kg of total cementitious content. Optimum dosage should be determined by trials under site / factory conditions.
- In the case of an overdose, the workability of the mixture will be dramatically increased.

Directions for use

Retardation may occur, however, the quality and final strength of the concrete will not be impaired. Formwork release should be delayed (if possible). The use of manual / automatic dispensing equipment will ensure correct / accurate dispensing.

The information contained in this document is given to the best of our knowledge and is the result of objective testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be carried out before the product is used to ensure that the methods and conditions of the use of the product are satisfactory. Our specialists remain as the disposal of the users to help with any problem they may have.



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Storage

- If the product freezes, it will regain all its properties once thawed and mixed thoroughly.

Packaging

- 25 ℓ jerry can
- 200 ℓ drum
- 1000 ℓ flow bin
- Bulk tanker loads
- Delivery on request

Health and safety

- **CHRYSO** will provide onsite assistance when requested
- For more information refer to the material safety data sheet.

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