



## CHRYSO® Alpha 20 Drycast Process Aid

### Description

**CHRYSO® Alpha 20** CHRYSO® Alpha 20 is a new generation process aid for drycast concrete production. Its molecular structure has been especially designed to improve compaction, strength and finish in Concrete Block Paving (CBP).

**CHRYSO® Alpha 20** Through its compaction and dispersing ability, improves the mechanical characteristics of dry cast concrete

**CHRYSO® Alpha 20** has potential waterproofing properties and can be used to reduce both capillary absorption and efflorescence.

**CHRYSO® Alpha 20** increases production rates when manufacturing products with dry/semi dry concrete (i.e. block pavers).

**CHRYSO® Alpha 20** is compatible with most UK cements.

### Characteristics

- Nature: liquid
- Density:  $1,18 \pm 0,010$
- Colour: brown
- pH:  $8.0 \pm 1$
- Cl- ions content:  $\leq 0,1 \%$
- Na<sub>2</sub>O equiv.:  $\leq 1.5 \%$
- Dry extract:  $38 \% \pm 1,1 \%$

### Packaging

Bulk  
IBC – 1000L  
Barrels – 215 L

### Application

- All types of cement
- Drycast concrete products
- Paving blocks, floor tiles & blocks

### Method of use

**CHRYSO® Alpha 20** Dosage rate – 0.3 to 3kg for 100kg cement.

A dosage between 0.4 % of the product to the weight of cement is typical

**CHRYSO® Alpha 20** is completely miscible in water and it is recommended to add it to the mixing water.

Depending on the application, CHRYSO® Alpha 20 can be used in synergy with the other CHRYSO® additives.

Production trials with CHRYSO® Alpha 20 are recommended to establish optimum dosage/performance since cements, aggregates, mix design and equipment will vary.

The CHRYSO technical team is at your disposal to assist at all stages of the trial process.

### Precautions

If the product is frozen, its original properties can be recovered by thorough remixing until the product is homogeneous.

Shelf life: 12 months



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### Safety

CHRYSO® Alpha 20 is classified as “harmless”.

For further information please refer to the data sheet on our internet site [www.chryso-online.com](http://www.chryso-online.com)

*The information contained in this document is given to the best of our knowledge and the results from extensive testing. However, it cannot, under any circumstances be considered as a warranty involving our liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of the product are satisfactory. Our specialists are at the disposal of the users in order to help them with any problem encountered.*

“Please enquire for the latest update”.

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