

Chryso® Alpha 20

Dry cast process performance enhancer

Chryso
Concrete
Solutions

04/09/2026

DESCRIPTION

Chryso®Alpha 20 is a new-generation process aid developed for **dry cast concrete production**. Its molecular structure has been specifically designed to improve compaction, strength development, and surface finish in concrete block paving and other dry cast concrete products.

Through its dispersing and compaction properties, Chryso®Alpha 20 enhances the mechanical characteristics of dry cast concrete. The product also has potential waterproofing properties, helping to reduce capillary absorption and efflorescence while improving production efficiency.

BENEFITS

- Improves compaction of dry cast concrete
- Enhances concrete strength development
- Improves surface finish and appearance
- Supports increased production rates
- Helps reduce capillary absorption
- Assists in reducing efflorescence
- Suitable for a wide range of dry cast concrete products
- Can be used alongside other Chryso admixtures

FIELDS OF APPLICATION

Chryso®Alpha 20 is suitable for:

- Dry cast concrete products
- Concrete block paving (CBP)
- Paving blocks
- Floor tiles
- Concrete blocks
- Applications using all cement types

Chryso®AB 42 is compatible with:

- Compatible with most UK cements.
- Compatible with Chryso admixtures
- Must not be used with air-entraining agents**

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Halogen Dry Extract	38,00 % ± 1,10
Cl ⁻ Ions content	≤ 0,100 %
Equivalent Content Na ₂ O	≤ 1,50 %
Specific gravity	1,180 ± 0,010
pH	8,00 ± 1,00

PACKAGING

METHOD OF USE

Dosage :

- Typical dosage range: **0.3 – 3.0 kg per 100 kg of cement**
- A dosage of approximately **0.4% by weight of cement** is commonly used

- The product is completely miscible in water
 - Addition to the mixing water is recommended
- Production trials are recommended to establish optimum dosage and performance, as cement type, aggregates, mix design, and production equipment may vary.

PRECAUTIONS

- Protect from frost
- If frozen, allow the product to thaw completely and mix thoroughly before use

SAFETY

Chryso®AB 42 is classified as **harmless**.

Normal personal protective equipment is recommended. For further information, refer to the relevant **Safety Data Sheet** before use.

For further information, please refer to the safety data sheet on our internet site www.uk.chryso.com.

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- Container of 1000L
- 215 L Barrel
- 20L Container
- Bulk delivery on request

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The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be conducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs.

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