

Chryso®Tard CHR

Set retarding admixture

DESCRIPTION

Chryso®Tard CHR is a set-retarding admixture that slows cement hydration by temporarily blocking the surface of cement particles. After the setting period, concrete hardens rapidly and achieves high compressive strength at 28 days. It is particularly suited to applications requiring extended transport times or large concrete pours.

Chryso®Tard CHR has no surface tension effect and does not alter the consistency of fresh concrete. It can be used in combination with high-range water-reducing superplasticisers without affecting workability or mix performance.

BENEFITS

- Increased open time for internal handling.
- Increased transport time.
- Reduced initial setting times.
- Increased compressive strength at later age.
- Reduction of cold joints.
- Use in temperatures above ambient.

FIELDS OF APPLICATION

Compatibility with Cements

- All types of cement
- Pulverised fuel ash
- Ground granulated blastfurnace slag

We recommend contacting our Technical Department for use with special cements.

METHOD OF USE

Dosage :

- 0.2 to 1.0 % for 100 kg of cement.
- It is recommended that preliminary tests are carried out on the product to determine the optimum dosage for the intended application. Please contact our Technical Department for advice regarding initial trial dosage.
- This product is completely miscible in water.
- This product must be added to the mixing water.
- Mixing should keep going until a homogenous concrete is obtained.

PRECAUTIONS

- Stir the product before use.
- Protect from frost.
- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- This product conforms to BS EN934-2 Table 7 certification, which technical specifications are those applied in the non-harmonised part of the BS EN 934-2.

SAFETY

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

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	18 months
Cl ⁻ Ions content	≤ 0,100 %
Equivalent Content Na ₂ O	≤ 0,50 %
Specific gravity	1,060 ± 0,020
pH	10,50 ± 1,00
Freezing Point	-1 °C
Dry extract (EN 480-8)	15,00 % ± 1,000

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.

CHRYSO UK Ltd. - 1 Herald Way, Binley Industrial Estate, Coventry, United Kingdom, CV3

TECHNICAL DATA SHEET



Chryso® Tard CHR

Set retarding admixture

Chryso
Concrete
Solutions

24/06/2026

Dry Extract (SYNAD -
IFSTTAR)

15,00 % ± 1,50

PACKAGING

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

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.

CHRYSO UK Ltd. - 1 Herald Way, Binley Industrial Estate, Coventry, United Kingdom, CV3

P.2/2