

Chryso®Xel Time 68

Set accelerating admixture
Chloride-free

DESCRIPTION

Chryso® Xel Time 68 is a chloride-free set accelerating admixture designed to speed up the setting and hardening of concrete. It acts as a catalyst during the early stages of cement hydration, particularly in low-temperature conditions where reaction rates are reduced.

By accelerating the initial hydration process, the product reduces setting time and significantly increases early-age strength development. This makes it particularly effective in cold weather concreting, where it helps minimise delays and reduces the risk of frost-related damage to fresh concrete.

Chryso® Xel Time 68 is suitable for use in a wide range of applications, including ready-mix, precast, and prestressed concrete. It is compatible with all types of cement, including mixes containing fly ash or ground granulated blastfurnace slag (GGBS), allowing flexibility across different mix designs.

BENEFITS

- Accelerated concrete setting.
- Increased early concrete strengths.
- Improved production rates.
- Cement reduction without early-age strength loss.
- Increased rate of setting in cold temperatures.
- Increased early strength with cement replacements.

FIELDS OF APPLICATION

- Ready-mix concrete
- Precast concrete
- Pre-stressed concrete
- Cold weather concrete
- Concretes requiring reduced setting characteristics
- Concretes requiring increased early age strength

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.

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Clear to Light Yellow
Lifetime	12 months
Specific gravity	1,430 ± 0,030

PACKAGING

METHOD OF USE

Dosage :

0.3 to 3.0 kg for 100 kg of cement.

A typical dosage is **1.5% by weight of cement**.

Preliminary trial mixes are recommended to determine the optimum dosage for the intended application and site conditions.

- Fully miscible in water and should be added to the mixing water.
- Concrete containing **Chryso®Xel Time 68** must be mixed thoroughly until a homogeneous mix is achieved.

PRECAUTIONS

- 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

- **Chryso®Xel Time 68** is a Set Accelerating Admixture with UKCA and CE marking.
- Conforms to BS EN934-2 Table 6 certification, which technical specifications are those applied in the non-harmonised part of the BS EN 934-2.

SAFETY

- **Chryso®Xel Time 68** is a product classified as "harmless".
- It is recommended to wear normal protective equipment.
- Avoid contact with acids.

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

TECHNICAL DATA SHEET

Chryso® Xel Time 68

Set accelerating admixture
Chloride-free

- BLK
- 215 L Barrel
- Container of 1000L

UK
CA



Chryso
Concrete
Solutions

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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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P.2/2