

CHRYSO®Xel Time 44

Hardening accelerating admixture

DESCRIPTION

CHRYSO®Xel Time 44 is a special formulation which accelerates the hardening of concrete. CHRYSO®Xel Time 44 activates the hydration reaction of cement, especially at low temperature. Hardening is accelerated and mechanical strength grow rapidly, so that frost does not damage fresh concrete. CHRYSO®Xel Time 44 is a hardening accelerator which is chloride-free.

Its formulation is user-friendly. CHRYSO®Xel Time 44 is particularly adapted to short term mould-releasing. It helps improve production rate by increasing rotation of moulds. Moreover, thanks to its quick strength performances, time and temperature of steam-curing can be optimised.

FIELDS OF APPLICATION

- All cement types
- CEM III
- Cold weather concreting
- Prestressed concrete
- Precast
- Ready-mix concrete

INDICATIVE INFORMATION

| | |
|----------------|-----------|
| Product Nature | liquid |
| Color | Yellow |
| Lifetime | 18 months |

SPECIFICATIONS

| | |
|--------------------------------------|-----------------|
| Halogen Dry Extract | 41,70 % ± 2,10 |
| Cl ⁻ Ions content | ≤ 0,100 % |
| Equivalent Content NA ₂ O | ≤ 17,00 % |
| Specific gravity | 1,300 ± 0,030 |
| pH | 10,50 ± 1,00 |
| Dry extract (EN 480-8) | 43,70 % ± 2,100 |

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- This product conforms to NF 085 certification, which technical specifications are those applied in the non harmonised part of NF EN 934-2.

METHOD OF USE

- A dosage of 1.5% by weight of cement is commonly used.
- This product is completely miscible in water.
- The optimum dosage of this product can only be established after trial tests, taking into account the rheological characteristics and the required mechanical performances of the concrete.
- This product must be added to the mixer with the mixing water.

Dosage:

0.5 to 3.0 kg for 100 kg of cement.

PRECAUTIONS

- Do not mix with acid products.

SAFETY

Prior to any use, please read carefully the Material Safety Data Sheets.