

CHRYSO® Omega 169 EMX

Water reducing Plasticizing admixture

DESCRIPTION

CHRYSO® Omega 169 EMX is a new generation water reducing plasticiser incorporating CHRYSO innovative **L S S a n d E M X Technologies**. This admixture results from our expertise in hybrid polymer technology using our most recent knowledge of the synthesis of molecules and has been specifically formulated to provide consistent fresh and hardened concrete in variable binder composition and chemistry, with extended workable life.

CHRYSO® Omega 169 EMX utilises components specific for increased strength gains, allowing for cement and binder reductions for sustainable and economic benefits.

CHRYSO® Omega 169 EMX has great flexibility with a large dosage range. It can be used in a great range of concretes, including low water cement ratio mixes, or to allow an increase in slump class without requiring additional cement.

CHRYSO® Omega 169 EMX can be used to produce high workability concretes without additional increase in mix water content.

BENEFITS

- Cement optimisation without strength loss.
- Consistence retention
- Consistent performance in challenging binders
- Improved concrete rheology
- Controlled low air content
- Improved compaction.
- Wide range of applications.
- Versatile dosage range.

FIELDS OF APPLICATION

Types of Application

- High consistence concrete
- Ready mix concrete
- Reinforced concrete
- Pumped concrete
- Flooring applications

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	Brown
Lifetime	12 months
Specific gravity	1,077 ± 0,010

METHOD OF USE

Dosage :

0.3 to 1.5 kg for 100 kg of cement.

- The optimum dosage of **CHRYSO® Omega 169 EMX** can only be established after trial tests, taking into account local conditions affecting the workability of the mix and the mechanical properties required for concrete.
- 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

- 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.
- **CHRYSO® Omega 169 EMX** conforms to BS EN934-2 Table 2 certification, which technical specifications are those applied in the non-harmonised part of the BS EN 934-2.

SAFETY

CHRYSO® Omega 169 EMX is a product classified as "harmless". It is recommended to wear normal protective equipment. For further information, please refer to the safety data sheet on our internet site www.uk.chryso.com.

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PACKAGING

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