

Chryso® Omega 169 EMx

Water reducing Plasticizing admixture

DESCRIPTION

Chryso®Omega 169 EMx is a new-generation water-reducing plasticiser incorporating Chryso's innovative **LSS and EMx technologies**. Developed using advanced hybrid polymer technology, it is formulated to deliver consistent fresh and hardened concrete performance across variable binder compositions and cement chemistries, while providing extended workable life.

Chryso®Omega 169 EMx contains components specifically designed to enhance strength development, enabling cement and binder reductions for improved sustainability and cost efficiency. It offers a wide dosage range, providing excellent flexibility across a broad range of concrete types, including low water/cement ratio mixes.

The product supports increased slump class and high workability concretes without any 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

PACKAGING

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