

CHRYSO Omega SL 50

DESCRIPTION

CHRYSO®Omega SL 50 is a new generation superplasticizer. It's molecular structure has been especially designed to give it exceptional properties in the use of concrete.

CHRYSO®Omega SL 50 helps to obtain very long workabilities and cohesiveness in concrete mixes especially when using manufactured or crushed sands.

CHRYSO®Omega SL 50 results in a homogeneous concrete, without bleeding. With this innovative admixture, the concrete obtained is cohesive and its viscosity is low even when using 100% manufactured or crushed sand, which helps to obtain better-looking facings

BENEFITS

- Enhances the workability retention of concrete in hot climates.
- High water reduction ability.
- The dispersion properties of CHRYSO®Omega SL 50 allow the user to optimise the cement content when a specified mechanical strength is required.

SPECIFICATIONS

Product Nature	liquid
Color	Brown
Lifetime	12 months
Cl ⁻ ions content	≤ 0,010 %
Specific gravity	1,070 ± 0,020
pH	5,50 ± 2,00

nil to EN 934. Does not contain any purposely added calcium chloride or other chloride based components. It will not promote or contribute to corrosion of reinforcing steel in concrete

PACKAGING

- 200 L drum
- IBC 1000L

METHOD OF USE

- A 1.0% dosage of the product of the weight of cement is commonly used.

CHRYSO®Omega SL 50 can be added to the water before mixing the concrete. However, it can be added to the concrete after mixing.

Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using outside recommended dosage ranges.

Dosage :

0.3 to 3.0 kg for 100 kg of cement.

Dosage rates of CHRYSO®Omega SL 50 are dependent upon desired concrete performance characteristics and variables including cement quantity and chemistry, concrete temperature and curing conditions.

Consumption :

CHRYSO®Omega SL 50 is recommended for all concrete mixes where water content, improved cementitious material performance (more Mpa/kg) accelerated set times, reduced curing costs and very high early strengths characteristics are desirable.

CHRYSO®Omega SL 50 is especially adapted for any concrete application requiring increased early compressive or flexural strengths without detriment to ultimate strengths.

1. All types of cement
2. Ready-mix concrete with stable workability
3. Concrete of humid, plastic or fluid consistency
4. Pumped concrete
5. Pre-stressed concrete
6. Heavy prefabricated elements
7. Manufactured / crushed sand

PRECAUTIONS

- Do not mix with other products without advice from manufacturers.
- In case of prolonged storage, this product may slightly settle. Before use, rehomogenise product.
- Store in plastic containers, PVC excluded.

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SAFETY

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