

CHRYSO Optima SL 1260

New Generation Superplasticizer

DESCRIPTION

CHRYSO®Optima SL 1260 is a new generation superplasticizer based on polycarboxylate and modified phosphonate.

Thanks to its specially designed molecular structure, CHRYSO®Optima SL 1260 enables the concrete manufacturer to produce cohesive, low viscous concrete with long workability retention.

CHRYSO®Optima SL 1260 has been developed to maintain fresh concrete workability without compromising the setting time.

BENEFITS

- CHRYSO®Optima SL 1260 is specially designed to manufacture concrete with 100% Manufactured Sand or Quarry Sand.
- CHRYSO®Optima SL 1260 allows concrete with an important workability to be obtained, while reducing the water/cement ratio.
- The dispersion properties of CHRYSO®Optima SL 1260 allow the user to optimize the cement content when a specified mechanical strength is required.
- On account of all these characteristics, CHRYSO®Optima SL 1260 is a superplasticizer which is particularly adapted for use on construction sites and in the ready-mix concrete industry.
- Desired workability of the concrete can be achieved with CHRYSO®Optima SL 1260 while reducing the water/cement ratio and keeping the pumpability of the concrete.

SPECIFICATIONS

Product Nature	liquid
Color	Clear-Yellow
Lifetime	12 months
Cl ⁻ ions content	≤ 0,010 %
Specific gravity	1,075 ± 0,020
pH	5,00 ± 2,00

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® Optima SL 1260 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 :

0.05 to 3.0 kg for 100 kg of cement.

Dosage rates of CHRYSO® Optima SL 1260 are dependent upon desired concrete performance characteristics and variables including cement quantity and chemistry, concrete temperature and curing conditions

Consumption :

CHRYSO®Optima SL 1260 is recommended for all concrete mixes where water reduction, increased cementitious material, high workability retention and very high strengths are required.

1. All types of cement
2. Ready-mix concrete
3. Concrete of humid, plastic or fluid consistency
4. Concrete with long workability retention
5. Compatible with Micro silica, GGBS and Fly Ash.
6. Pumped concrete
7. Hot Weather concrete
8. Extended workability concrete
9. High performance concrete, ultra high-performance concrete
10. Flowable concrete
11. White or pale concrete

PRECAUTIONS

- Do not mix with other products without advice from manufacturers.
- Store in plastic containers, PVC excluded.

SAFETY

TECHNICAL DATA SHEET

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Chryso
Concrete
Solutions

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

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. www.chryso.lk
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