

CHRYSO® Optima 76

High range water reducing - super plasticizing admixture
- Admixture for grout for pre-stressing tendons



DESCRIPTION

CHRYSO® Optima 76 is a new generation – broad spectrum superplasticizer based on modified polycarboxylate polymers.

CHRYSO® Optima 76 allows for a reduction in mixing water compared to traditional plasticizers and significantly increases both early and final strengths

CHRYSO® Optima 76 is recommended for concretes with high rheological requirements (without segregation) and extended slump retention.

FIELDS OF APPLICATION

- Ready mix concrete
- Site mix concrete
- High Performance Concrete with extended workability
- Shotcrete
- Admixture for grout for pre-stressing tendons

NORMS & REGULATIONS

CHRYSO® Optima 76 as a high range water reducing – super plasticizing admixture, conforms to EN 934-2 (Table 3.1-3.2). As an admixture for grout for pre-stressing tendons conforms to EN 934-4. The relevant Declarations of Performance are available upon request.

METHOD OF USE

Dosage: 0.3 - 3 kg /100 kg of cement.

CHRYSO® Optima 76 is added to the mixing water or on fresh concrete at the mixing truck..

Should the product be added to fresh concrete, into the mixing truck, it is necessary to mix at high speed (total mixing time approx.. 5 minutes).

CHARACTERISTICS

- Nature: Liquid
- Colour: yellowish
- Specific gravity (20°C): $1.05 \pm 0.02 \text{ gr/cm}^3$
- Cl^- ions content: $\leq 0.1 \%$
- Na_2O equivalent: $\leq 1\%$

PACKAGING

- Bulk
- In IBC tanks : 1000 kg

PRECAUTIONS

- Avoid prolonged exposure to high temperatures
- Protect from frost. Should the product freeze, it will recover its initial consistency. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.
- Shelf life: 12 months



The information in this technical brochure is given according to the best of our knowledge and the results of extensive testing. However, it can in no case be considered as a guarantee that implies our liability in case of misuse or other use of our products, different from that indicated in the section "Field of Application". Before applying the product, application tests must be carried out to ensure that the methods of use and the application conditions of the product are satisfactory. Our technical assistance is available to users. Please see the latest version of the technical data sheet, available at www.marmoline.gr



S-P-11776

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