

CHRYSO®Quad 20

Viscosity modifying admixture



DESCRIPTION

CHRYSO®Quad 20 unique formulation increases the viscosity of cement paste with limited impact on concrete slump / slump flow. As a result, concrete using **CHRYSO®Quad 20** are significantly less sensitive to water or fine content inconsistency.

CHRYSO®Quad 20 is generally used in combination with a high range water reducer. It does not contain any chloride. Its exclusive formulation is user-friendly.



BENEFITS

- With the use of **CHRYSO®Quad 20**, rheological properties of concrete are significantly more consistent. It help prevents segregation, bleeding and honeycombing.
- CHRYSO®Quad 20** is recommended for all high flowability concrete mixes such as SCC where superior robustness to bleeding & segregation while maintaining excellent placeability is desired.

PACKAGING

- 210 L drum
- IBC 1000L

FIELDS OF APPLICATION

CHRYSO®Quad 20 is recommended for all concrete mixes where improved concrete performance , consistent rheological concrete properties and superior robustness characteristics are desirable.

- All cement types
- Precast
- Architectural concrete
- Cement screed
- Ready-mix concrete
- Extended workability retention
- Pumped concrete
- Self levelling concrete
- etc

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INDICATIVE INFORMATION

Product Nature	liquid
Color	Light yellow
Lifetime	12 months
Halogen Dry Extract	1,05 % ± 0,10
Cl ⁻ Ions content	≤ 0,100 %
Equivalent Content NA ₂ O	≤ 1,00 %
Specific gravity	1,000 ± 0,020
pH	9,00 ± 2,50

Cl⁻ ion content: nil to EN 934 and BS 5075.

METHOD OF USE

- A 0.4% dosage of the product of the weight of cement is commonly used.
- This product must be added to the mixing water or at the end of the mixing cycle.
- The optimum dosage of this product can only be established after trial tests, taking into account the rheological characteristics and the required mechanical performances of the concrete.
- Water content must be determined according to the workability & compressive strengths required.
- From 0.2 to 1.0 kg per 100 kg of cement.

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.
- Use at a temperature above 0° C.

Compatibility:

- **CHRYSO®Quad 20** is compatible with all types of Portland cement, class C and F fly ash, GGBS, microsilica, fibers and approved air entraining admixtures.
- **CHRYSO®Quad 20** can be used in combination with a high range water reducer of the range **CHRYSO®Optima** or **CHRYSO®Premia**.

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.

SAFETY

CHRYSO®Quad 20 is not considered dangerous to handle. Prior to any use, please read carefully the Material Safety Data Sheets.