

CHRYSO® QUAD 606

Water reducing plasticiser

DESCRIPTION

- **CHRYSO® Quad 606** is a plasticiser - high range water reducer, specific to lack of fines and/or unfavourable sand shape factors.
- **CHRYSO® Quad 606** includes some of our most recent polymer technologies. CHRYSO® Quad 606 uses **GRAFT®** (Gap Gradation Fixing Technology) a breakthrough technology, allowing for the use of coarse sand (low fines content).



BENEFITS

- **CHRYSO® Quad 606** is compatible with all types of cement.
- Wide range of dosage.
- Robustness to variable cement chemistries.
- High early strength all year long.
- Very high-water reduction.
- Improves concrete cohesiveness.
- Reduces bleeding and micro-segregation.
- Lowers the risk of cracking.
- Extended workability retention.
- Good concrete cohesiveness.
- Improves aggregate coating.

PHYSICAL and CHEMICAL PROPERTIES

Cl ⁻ Ions content	≤ 0,100 %
Product Nature	Liquid
Color	Brown
Lifetime	12 months
Water solubility	Miscible
Halogen Dry Extract	30,00 % ± 2,00
pH	6,00 ± 1,00
Dry extract (EN 480-8)	30,00 % ± 2,000
Specific Gravity	1.07 ± 2
Viscosity	10-25 secs (Ford #4 Cup)

PACKAGING

- 25 ℓ jerry can
- 200 ℓ drum
- 1000 ℓ flow bin
- Bulk delivery on request

METHOD OF USE

- All cement types
- Especially recommended for ready-mix concrete
- Concrete with workability retention
- Crushed washed aggregates

Dosage :

- The optimum dosage of **CHRYSO® Quad 606** can only be established by carrying out trial tests, taking into account local conditions affecting the workability of the fresh mix and the mechanical properties required of the concrete.
- **CHRYSO® Quad 606** is compatible with most CHRYSO admixtures, confirmed by a CHRYSO Quad Lab diagnosis.
- Typical dosage range is between 0.5 to 1.5 litres for 100 kg of cement

Dispensing/Mixing

- **CHRYSO® Quad 606** is completely miscible in water. **CHRYSO® Quad 606** must preferably be added to the water before mixing. However, **CHRYSO® Quad 606** can be added at the end of the mixing cycle.
- Should the product be added to fresh concrete, into a mixing truck, it is necessary to mix at high speed and then at low speed (with a minimum of 3 minutes at each speed).

PRECAUTIONS

- **CHRYSO® Quad 606** needs to be circulated with a circulation pump.

Storage

- **CHRYSO® Quad 606** has a shelf-life of 12 months starting from the date of manufacture – provided no other chemicals are

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added to it.

- The product should be stored away from rain and frost in clean, dry tanks.
- Should the product freeze, it will retain its properties. After thawing, it will be necessary to agitate thoroughly until a completely homogenous state is reached.
- Do not store in high temperatures for long periods of time.

SAFETY

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