

CHRYSO®HP 6247

Water reducing Plasticizing admixture

Chryso
Concrete
Solutions

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DESCRIPTION

CHRYSO®HP 6247 is a superplasticizer based on modified sulfonated polynaphthalene. It is a powerful dispersant of the fine active particles in concrete which results in plastic/workable concrete with a reduced W/C ratio. It is particularly recommended for Jobsite concrete requiring workable to highly workable homogenous concrete with fairly good workability retention over a period.

Domains of application

- All cement types
- Pumped Concrete for Jobsites
- Pavement Quality Concrete
- Highly Reinforced Concrete
- High Performance Fluid Concrete

BENEFITS

CHRYSO®HP 6247 produces cohesive concrete for jobsite application primarily and is particularly useful for high volume crushed sand mixes. It promotes excellent dispersion of the particles in cement resulting easier placing of concrete. At constant plasticity, it produces a substantial reduction of quantity of mixing water and increase of the compacity of concrete, higher mechanical strengths at all ages. At constant W/C ratio, it helps to obtain fluid concrete. It is well compatible with most of the major cement brands available in India. For the same concrete mix, keeping everything else constant, a definite economy in cement content, can be achieved.

INDICATIVE INFORMATION

Product Nature	liquid
Color	Dark brown
Lifetime	12 months
Cl ⁻ ions content	≤ 0,200 %
Specific gravity	1,230 ± 0,020
pH	7,00 ± 1,00

METHOD OF USE

Dosage :: Optimum dosage can only be established after trials, taking into account the rheological characteristics and the required mechanical performances. For maximum dispersion throughout the mix, **CHRYSO®HP 6247** should be added to the mixing water only. Should the product be added to fresh concrete, into the mixing truck, it is necessary to mix at high speed, and then at low speed (with a minimum 3 minutes at each speed)

Dosage :

Rate of addition is generally in the range of 0.5-2.0% by wt of cement and cementitious material.

Implementation :

Guideline Followed: IS: 9103-2007 and ASTM C-494-1981 (Type-F & Type-G).

PRECAUTIONS

- Protect from heat.
- Protect from humidity.

Precautions : Not to be stored at high temperatures for long periods. Should be protected from frost. It is Non-toxic and formulated from chemicals which present no fire or health hazards.

Packing :: 250 Kg HDPE Drum, 1000 Kg IBC & Bulk

SAFETY

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