

CHRYSO® HP 7111P

High range water reducing Super plasticizing admixture

DESCRIPTION

CHRYSO®HP 7111P is a powdered 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.

Domains of application

- All cement types
- Pumped Concrete for Jobsites
- Highly Reinforced Concrete
- High Performance Fluid Concrete
- Dry Mix Concrete

BENEFITS

CHRYSO®HP 7111P 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. **CHRYSO®HP7111P** 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.

METHOD OF USE

Dosage :: Optimum dosage can only be established after trials, taking into account the rheological characteristics and the required mechanical performances. For Dry mix **CHRYSO®HP 7111P** powder and can be blended with the cement first to get better result .

Dosage :

Rate of addition is generally in the range of 0.2-1.2% by wt of cement and cementitious material.

Implementation :

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

INDICATIVE INFORMATION

Product Nature	powder
Color	Brown
Lifetime	12 months
Water solubility	Soluble
Cl ⁻ ions content	≤ 0,200 %
pH	8,00 ± 1,00

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 :: 25Kg Bag.

SAFETY

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