

CHRYSO® HP 6170G

High Range Water Reducing Admixture

DESCRIPTION

CHRYSO® HP 6170G is a superplasticizer based on advance technology. It is a powerful dispersant of the fine active particles in concrete which results in plastic/workable concrete with a reduced W/C ratio. The use of CHRYSO® HP 6170G is particularly recommended for high calcium sulfate content or pure gypsum binders, Jobsite concrete requiring workable to highly workable homogenous concrete with fairly good workability retention over a period.

All cement types
Suitable for Gypsum boards, fireboards
Pumped Concrete for Jobsites
Building elements, block
High Performance Fluid Concrete

BENEFITS

CHRYSO® HP 6170G 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, an increase of the compacity of concrete, higher mechanical strengths at all ages. At constant W/C ratio, it helps to obtain fluid concrete. CHRYSO® HP 6170G 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, ranging from 15% to 20%, can be achieved.

INDICATIVE INFORMATION

Product Nature	liquid
Color	Brown
Lifetime	12 months
Cl ⁻ ions content	≤ 0,200 %
Specific gravity	1,220 ± 0,020
pH	7,00 ± 1,00

METHOD OF USE

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 6170G 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 cementitious material.

Implementation :

IS: 9103-2018 and ASTM C-494-2010.

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.

SAFETY

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