

# CHRYSO® HP 7161

Water reducing Plasticizing admixture

## DESCRIPTION

CHRYSO® HP 7161 is an old generation multi range plasticizer based on modified sulphonated poly naphthalene suitable for Ready mix concrete market. The use of CHRYSO® HP 7161 is particularly recommended for ready mix concrete applications requiring workable homogenous concrete with good workability retention over a longer period.

### Domains of application

All cement types.  
Ready Mix Concrete  
Highly Reinforced Concrete  
Good Performance in slump Concrete  
Cast in Situ sites

## BENEFITS

CHRYSO® HP 7161 produces cohesive concrete with sustained fluidity for greater pouring comfort. CHRYSO® HP 7161 is well compatible with all brands of Cement available in India. At constant plasticity, it produces a substantial reduction of quantity of mixing water (up to 25%), an increase of the compacity of concrete. At constant W/C ratio, it helps to obtain fluid homogenous concrete. For the same concrete mix, keeping everything else constant, a definite economy in cement content, ranging from 10% to 15%, can be achieved.

## INDICATIVE INFORMATION

Product Nature	Liquid
Color	Dark brown
Lifetime	12 months
Cl <sup>-</sup> ions content	≤ 0,200 %
Specific gravity	1,250 ± 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 7161 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 0.4-2.0% by wt of cement and cementitious material.

### Implementation :

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

## 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.

## SAFETY

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