

# CHRYSO® HP 1240

High Range Water Reducing Admixture

## DESCRIPTION

CHRYSO®HP 1240 is an old generation multi range plasticizer based on modified sulphonated poly naphthalene suitable for Ready mix concrete market. The use of CHRYSO®HP 1240 is particularly recommended for ready mix concrete applications requiring workable homogenous concrete with good workability retention over a longer period.

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

## BENEFITS

CHRYSO®HP 1240 produces cohesive concrete with sustained fluidity for greater pouring comfort. CHRYSO®HP 1240 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	Brown
Lifetime	12 months
Cl <sup>-</sup> ions content	≤ 0,200 %
Specific gravity	1,040 ± 0,020
pH	7,00 ± 1,00

## METHOD OF USE

Optimum dosage can only be established after trials, considering the rheological characteristics and the required mechanical performances. For maximum dispersion throughout the mix, CHRYSO®HP 1240 should be added to the mixing water only.

### Dosage :

Rate of addition is generally in the range of 0.4-2.0% by wt of cementitious material.

### Implementation :

IS: 9103-2018 and ASTM C-494-2010(Type-D).

## PRECAUTIONS

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

## SAFETY

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