

CHRYSO® Alpha 344PB

Hardening accelerating admixture

DESCRIPTION

CHRYSO® Alpha 344PB is a new generation admixture based on expertised Polymer having high early strength for promoting accelerated hardening and obtaining free flowing concrete especially for Precast applications

- No Fine concrete
- Pre-cast & Pre-stressed concrete elements
- Block Paving (grey/coloured)
- Cement tiles (grey/coloured)
- Paving flags / Kerb stones
- Edgings and other items for garden and landscape design
- Building blocks & bricks

BENEFITS

Thanks to specifically designed molecular structure and its large scale of dosage, it can be used in great range of concrete with desired fluidity & workability retention. It allows optimization of dosage of cement in order to obtain a specific class of resistance. At equal plasticity, and after reducing mixing water:

CHRYSO® Alpha 344PB allows for the following advantages in the finished concrete products:

- Closer textured, smoother and more uniform surfaces (improved surface finish)
- Consistent product quality due to a homogenous concrete mix
- Increased density
- Less variation in densities and strengths across the area of the mould
- Minimized damage due to early handling
- Enhanced early and ultimate compressive and tensile strengths
- Increased freeze-thaw resistance
- Improved durability and life expectancy

INDICATIVE INFORMATION

Product Nature	liquid
Color	Reddish Brown
Lifetime	12 months
Specific gravity	1,180 ± 0,020

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® Alpha 344PB 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 0.5-3.0% by wt of cement and cementitious material.

Implementation :

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

PRECAUTIONS

- Shelf life information only applies to product stored in genuine packaging.
- Do not dilute in water.

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 :: 20Kg Bucket , 225Kg Drums , 1000 Kg IBC & Bulk

SAFETY

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