

Calcium Chloride 37

Set accelerating admixture

DESCRIPTION

Calcium Chloride 37 is a set accelerating admixture formulated to provide accelerated set during low ambient temperatures while increasing early and final strengths. Calcium Chloride 37 is an aqueous liquid solution of inorganic Calcium Chloride.

Calcium Chloride 37 is manufactured under controlled conditions to produce a consistent product which ensures uniform and predictable performance when used. Calcium Chloride 37 contains no Triethanolmine. Calcium Chloride 37 complies with AS 1478.1-2000, Type Ac.

BENEFITS

- Controlled and predictable acceleration of set during low ambient temperatures
- Increased compressive strengths with early form work removal, optimising costs
- Bleed reduction due to the greatly improved setting times
- Denser and less permeable concrete
- Maintains optimum level temperature of hot water in winter mixes

APPLICATION

- Flatwork and house slabs
- Pumped concrete and concrete roads
- Concrete floors poured inside on plastic with limited or no air flow
- Manufacture of concrete blocks, bricks, pavers and roof tiles

INDICATIVE INFORMATION

Product Nature	liquid
Color	Clear
Lifetime	12 months
Specific gravity (kg)	1,360 ± 0,010

PACKAGING

- Bulk
- IBC 1000L
- 205 L Drum
- Pail

METHOD OF USE

Dosage :

Calcium Chloride 37 dosage rate normally ranges from 1,000 to 4,000 ml / 100 kg total cementitious, depending on mix properties, performance requirements, and site conditions. In order to determine the optimum dose rate of Calcium Chloride 37, either on its own or in conjunction with other CHRYSO admixtures, trials are recommended. In general terms "1% Calcium Chloride" is achieved by using a dose of 2,000 ml / 100 kg total cementitious content and "2% Calcium Chloride" is achieved by using a dose of 4,000 ml / 100 kg total cementitious content.

Note:

Calcium Chloride 37 contains a moderate level of chloride ion of approximately 300 to 340 g / l.

Equipment :

Please contact your local CHRYSO representative for further information regarding the dispensing equipment for this product.

COMPATIBILITY

- Portland cements ; fly ash, slag and limestone blends
- When using admixtures in combination, each admixture should be added separately to the mix
- Not recommended with post/pre-tensioned concrete, reinforced concrete and concrete in marine environment

SAFETY

Calcium Chloride 37 is not flammable.

Prior to any use, please read carefully the Safety Data Sheet (SDS).