

Daracel® 37

Set accelerating admixture

DESCRIPTION

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

Daracel® 37 contains added chloride, please refer to method of use section. Daracel® 37 does not contain triethanolamine. Daracel® 37 complies with AS 1478.1-2000, Type AC.

BENEFITS

- Accelerated set times; with earlier finishing times of concrete at low temperatures, optimising costs
- Increases compressive strengths by 25% and earlier form work removal compared to non-accelerated concrete
- Denser and less permeable concrete
- Bleed reduction due to greatly improved setting times
- Effective over a wide range of cementitious contents and mix designs
- Maintains optimum level temperature of hot water in winter mixes
- Used in conjunction with mixes that contain fly ash and slag to offset slow setting times

APPLICATION

- Flatwork and house slabs
- Pumped concrete
- Concrete floors poured inside on plastic with no air flow
- Applications using Adfil® microfibres
- Manufacture of concrete blocks, bricks, pavers and roof tiles

INDICATIVE INFORMATION

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

PACKAGING

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

SAFETY

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

METHOD OF USE

Dosage :

Daracel® 37 dosage rate normally ranges from 1,000 to 4,000 ml / 100 kg total cementitious, depending on mix properties required. In order to determine the optimum dose rate of Daracel® 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.

Further information:

Daracel® 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

- Compatible with all known Chryso admixtures
- When using admixtures in combination, each admixture should be added separately to the mix