

Daracel® 46

Set accelerating admixture

DESCRIPTION

Daracel® 46 is a set-accelerating admixture formulated to provide accelerated set during low ambient temperatures whilst increasing early and final strengths. Daracel® 46 contains no Triethanolamine.

Daracel® 46 is an aqueous liquid solution that is manufactured under controlled conditions to produce a consistent product which ensures uniform and predictable performance when used. Daracel® 46 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 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 cementitious contents and mix designs
- 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
- Manufacture of concrete blocks, bricks, pavers, roof tiles
- Not recommended to use in post/pre tensioned concrete, reinforced concrete and concrete in marine environment

INDICATIVE INFORMATION

Product Nature	liquid
Color	Light brown
Lifetime	12 months
Specific gravity (kg)	1,420 ± 0,010
pH	8,00 ± 0,50

PACKAGING

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

METHOD OF USE

Dosage :

Daracel® 46 dosage rate normally ranges from 1,000 to 3,000 ml / 100 kg total cementitious. In order to determine the optimum dose rate of Daracel® 46, either on its own or in conjunction with other Chryso admixtures, trials are recommended. It can be added to the mix at the same point as the mix water.

Note

Daracel® 46 contains a low level of chloride ion in the range of 140 to 170 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

SAFETY

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