

Daracel® 40

Set accelerating admixture

DESCRIPTION

Daracel® 40 is a set-accelerating admixture formulated to provide accelerated set during low ambient temperatures whilst increasing early strengths.

Daracel® 40 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® 40 complies with AS 1478.1-2000, Type Ac.

BENEFITS

- Accelerated set times; with earlier finishing times of concrete at low temperatures, optimising costs
- Increased early strength of concrete, enabling earlier removal of form work
- 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 over plastic with no air flow
- Manufacture of concrete blocks, bricks, pavers and roof tiles
- Not recommended with pre/post tensioned concrete, reinforced concrete and concrete in marine environment

INDICATIVE INFORMATION

Product Nature	liquid
Color	Light brown
Lifetime	12 months
Specific gravity (kg)	1,280 ± 0,010
pH	8,00 ± 1,00

PACKAGING

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

METHOD OF USE

Dosage :

Daracel® 40 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® 40, either on its own or in conjunction with other Chryso admixtures, trials are recommended.

Note:

Daracel® 40 contains chloride ion in the range of 230 to 250 g / L.

Equipment :

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

COMPATIBILITY

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

PRECAUTIONS

Daracel® 40 is not flammable.

SAFETY

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