

Daraccel® 46

Set accelerating admixture

DESCRIPTION

Daraccel® 46 is a chloride-containing set-accelerating admixture designed to accelerate the setting of concrete under low ambient temperature conditions while enhancing both early-age and

ultimate compressive strength development. Daraccel® 46 does not contain triethanolamine and complies with AS 1478.1-2000, Type AC requirements.

BENEFITS

- Accelerates concrete set times, particularly in cold weather conditions
- Enables earlier finishing operations and improved construction productivity
- Increases early-age compressive strength and promotes earlier formwork removal
- Enhances ultimate compressive strength compared to untreated concrete
- Reduces bleed by improving setting characteristics
- Effective across a wide range of cementitious contents and concrete mix designs
- Assists in offsetting delayed setting associated with fly ash and slag-containing concrete mixes

APPLICATION

- Residential slabs and flatwork
- Pumped concrete applications
- Internal floor slabs placed over plastic membranes where air circulation is limited
- Precast manufacturing including blocks, bricks, pavers and roof tiles

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

SAFETY

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

METHOD OF USE

Dosage :

Daraccel® 46 dosage is typically in the range of 1.0 to 3.0 L / 100 kg of total cementitious material. Laboratory and plant trials are recommended to determine the most effective dosage for specific applications.

Further information:

Daraccel® 46 typically 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 most Chryso admixtures
- When multiple admixtures are used, each product should be added separately to the concrete mix

PRECAUTIONS

Not recommended for use in Prestressed or Post-tensioned concrete or concrete in marine environments.