

Daraset® NC 90

Set accelerating admixture

DESCRIPTION

Daraset® NC 90 is a chloride free, accelerating admixture for concrete which accelerates cement hydration resulting in shortened setting times. Daraset® NC 90 is an aqueous solution of organic and inorganic compounds. Daraset® NC 90 does not contain any chloride components such as Calcium Chloride.

Daraset® NC 90 is manufactured under controlled conditions to produce a consistent product which ensures uniform predictable performance when used. Daraset® NC 90 complies with AS 1478.1-2000, Type Ac.

BENEFITS

- Chloride-free and non-corrosive accelerator
- Accelerated finishing times at low temperatures
- Reduced setting times i.e. 2 hours quicker than reference concrete
- Reduced cycle times with early form work removal and mould turn around, optimising costs
- Allows shortened heat curing times

APPLICATION

- Winter concrete, when accelerated set times are required
- All grades of concrete
- Precast concrete
- Concrete with SCM (Supplementary Cementitious Materials)

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Red
Lifetime	12 months
Specific gravity (kg)	1,435 ± 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 :

Daraset® NC 90 may be used from 250 to 1,500 ml / 100 kg total cementitious material. The exact dosage depends on the specific job conditions, on local materials, on the degree of set acceleration required and on the type of water reducer used. Typical dose rate is 500 to 1,000 ml / 100 kg cementitious material. Trial mixes should be conducted in order to determine specific dose rates required for the desired performance.

Triethanolamine is present at less than 0.025% for a dose rate of 500 ml / 100 kg total cementitious material in a concrete mix.

Equipment :

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

COMPATIBILITY

- Air-entrainers such as Chryso®Air
- Water reducers such as Chryso®WRDA
- Mid-range water reducers such as Chryso®Mira
- High-range water reducers such as Chryso®Adva

PRECAUTIONS

Protect from freezing. Once frozen, the product should be thawed out slowly and remixed prior to use.