

Daraset® AF

Set accelerating admixture

DESCRIPTION

Daraset® AF is a Chloride-free, non-corrosive accelerating admixture for concrete which accelerates cement hydration resulting in shortened setting times. Daraset® AF is a brown aqueous solution of organic and inorganic compounds. Daraset® AF does not contain any added Chloride components such as Calcium Chloride.

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

BENEFITS

- Chloride-free and non-corrosive ; provides accelerated finishing times at low temperatures
- Reduces setting time i.e. up to 2 hours when concrete poured at 10°C
- Speeds up finishing operations and earlier form work removal, optimising costs

APPLICATION

- Portland cement mixes ; fly ash and slag
- Winter weather concrete when accelerated set times are required
- Prestressed/Precast concrete
- Any concrete where earlier use of the concrete is required

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Specific gravity (kg)	1,450 ± 0,050
pH	5,50 ± 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® AF 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 of 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 1,000 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
- High-range water reducers such as Chryso®Adva
- When using admixtures in combination, each admixture should be added separately to the mix