TECHNICAL DATA SHEET

Chryso Concrete Solutions

21/10/2026

Daraset® AF

Set accelerating admixture

DESCRIPTION

Daraset® AF is a non-chloride 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. Daraset® AF 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 with 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 :
Daraset® AF dosage is typically in the range of 500 to 1,500 ml / 100 kg total cementitious material. Laboratory and plant trials are recommended to determine the most effective dosage for specific applications.

Further information:
Daraset® AF contains triethanolamine, when used at the compliance dose rate of 1000 ml / 100 kg total cementitious material, the concentration of triethanolamine contributed by Daraset® AF is less than 0.025%.

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.

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However,it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be con ducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs.
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