TECHNICAL DATA SHEET

Chryso Concrete Solutions

07/10/2026

Daracem® 19A

High Range Water Reducing Admixture

DESCRIPTION

Daracem® 19A is a high range water reducer, commonly referred to as a superplasticizer. It is an aqueous solution of a modified naphthalene sulfonate.

Daracem® 19A does not contain added chloride or triethanolamine. Daracem® 19A complies with AS 1478, Type HWR.

BENEFITS

- High slump flowable concrete at no strength loss
- Reduces the high energy requirements of external heat for accelerated curing
- Early release strengths
- Exhibits no significant segregation compared to a concrete without superplastisizer at same/high slump range
- Reduces on the job time and improves mixer utilisation, aids in rapid discharge

APPLICATION

- Low water-cement ratios at low or normal slumps
- Prestress, precast work and bridge decks
- Tremie concreting and other applications with higher slump requirement

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Dark brown
Lifetime	12 months
Specific gravity (kg)	1,200 ± 0,020
pH	7,25 ± 1,25

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 :

Dosage rates of Daracem® 19A can vary with type of application, but normally ranges from 500 to 1,500 ml / 100 kg of cementitious material. In most instances, the dose of 500 to 1,000 ml / 100 kg of cementitious material is sufficient. At a given water-cement ratio, the slump required for placement can be controlled by varying the dose rate. Should job site conditions require using more than recommended dosage rates, please consult your local Chryso representative.

Equipment :

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

COMPATIBILITY

- Accelerators and retarders
- Water reducers such as Chryso®WRDA

PRECAUTIONS

- Daracem® 19A contains no flammable ingredients. It will begin to freeze at approximately 0°C, but will return to full strength after thawing and agitation
- In storage and for proper dispensing, Daracem® 19A should be maintained at temperatures above 0°C

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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