TECHNICAL DATA SHEET

Chryso Concrete Solutions

07/10/2026

Daramene® 500

Set retarding admixture

DESCRIPTION

Daramene® 500 is a set retarding admixture of chemical compounds specifically designed to retard cement hydration.

Daramene® 500 is typically added to the concrete mix at the time of batching. Daramene® 500 complies with AS 1478.1-2000, Type Re.

BENEFITS

- Reduces risk of lost concrete
- More flexibility in batching concrete in advance for unusually longer retardation requirement
- Slows hydration for better placing and compaction in hot conditions

APPLICATION

Concrete that requires additional retardation such as:

- Tremie mixes
- Hot weather concreting
- Long life concrete

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Blue
Lifetime	12 months
Specific gravity (kg)	1,065 ± 0,010
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 :

Dosage rates for Daramene® 500 typically ranges, depending on application and circumstances, as follows:

- Tremie mixes: 300 to 600 ml / 100 kg
- Normal concrete applications: 100 to 300 ml / 100 kg
- Long life concrete: 400 to 800 ml / 100 kg

The amount to be used depends upon the degree of additional retardation required under job conditions. Longer delivery times or higher temperatures requires higher dosage rates. Conversely, the dosage rate is lower for shorter extensions of time. Dosage levels should be reviewed with you local Chryso representative. Higher dose rates can be considered for special applications. Pre-project trials should be completed in all new applications.

Equipment :

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

COMPATIBILITY

- Compatible with concrete admixtures from Chryso and other types of concrete admixtures

PRECAUTIONS

Daramene® 500 will begin to freeze at about -2°C, but will return to full strength after thawing and thorough agitation.

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.

14 Colebard Street West, Archerfield QLD 4108, Australia Tel.:AU: 1800 855 525 | NZ: 0800 552 235

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