TECHNICAL DATA SHEET

Chryso Concrete Solutions

07/10/2026

Daramene® R

Set retarding admixture

DESCRIPTION

Daramene® R is a mild set retarding admixture that temporarily delays the hydration of cement allowing the transportation and placing of concrete to be extended.

Daramene® R can be used in all types of concrete. Daramene® R does not contain added chloride. Daramene® R complies with AS 1478.1-2000, Type Re.

BENEFITS

- Good ultimate strengths
- Good workability for concrete
- May reduce the likelihood of cold joints
- Does not entrain air
- Allows retardation required for placing times

APPLICATION

- Hot weather concrete
- Long haul concrete
- Conventional and sprayed concrete placed in hot climate

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Blue
Lifetime	12 months
Specific gravity (kg)	1,190 ± 0,020
pH	9,50 ± 1,50

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 of Daramene® R can vary with type of applications, but normally ranges from 100 to 500 ml / 100 kg of cementitious material. In most instances, the dose of 200 to 400 ml / 100 kg of cementitious material is sufficient.

Should 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

- Water reducers such as Chryso®WRDA
- Compatible with speciality admixtures like DCI® corrosion inhibitor, Chryso®Eclipse shrinkage-reducing admixture and V-MAR® rheology-modifying admixture
- When using admixtures in combination, each admixture should be added separately to the mix

PRECAUTIONS

- DARAMENE® R does not contains any flammable ingredients
- DARAMENE® R will begin to freeze at approximately 0°C but will return to full strength after thawing and thorough agitation
- In storage, and for proper dispensing, DARAMENE® R 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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