

DARATARD® RE 900

Hydration Controlling Admixture

DESCRIPTION

DARATARD® RE 900 is a ready-to-use aqueous solution of chemical compounds specifically designed to stabilise cement hydration for long life concrete applications.

DARATARD® RE 900 is typically added to the concrete mix at the time of batching. The ingredients are factory pre-mixed in exact proportions under strict quality control to provide uniform result. DARATARD® RE 900 complies with AS 1478, Type SRe.

BENEFITS

- Removes risk of lost concrete due to transport or project delays
- Ensures consistent concrete spraying conditions regardless of variable batching times
- More flexibility in batching concrete in advance for unusually long retardation requirement

APPLICATION

Concrete that requires additional hydration control such as:

- Tremie mixes
- Long life concrete
- Sprayed concrete (shotcrete)

INDICATIVE INFORMATION

Product Nature	liquid
Color	Green
Lifetime	12 months
Specific gravity (kg)	1,120 ± 0,025
pH	7,50 ± 1,50

PACKAGING

- Bulk
- IBC 1000L
- 205 L Drum
- Pail

METHOD OF USE

Dosage :

Dosage rates for DARATARD® RE 900 ranges, depending on application and circumstances. Typically:

Tremie mixes / Long life concrete

- 200 to 500 ml / 100 kg of total cementitious

Spray applications

- 200 to 1000 ml / 100 kg of total cementitious

The amount to be used depends upon the degree of additional hydration control required under job conditions. Longer delivery times or higher temperatures requires higher dose rates. Conversely, the dose rate is lower for shorter extensions of time and when combined with an extended slump life superplasticizer such as ADVA®. Dosage levels should be reviewed with your local Chryso representative.

DARATARD® RE 900 can be used to stabilise cement hydration in shotcrete when incorporated with an alkali-free accelerator added at the nozzle. In shotcrete, pre-construction trials are recommended with mix ingredients and alkali-free accelerator to determine actual dose rate levels to match slump retention requirements.

Equipment :

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

COMPATIBILITY

- Compatible with all Chryso concrete admixtures

PRECAUTIONS

DARATARD® RE 900 will begin to freeze at about -2°C but will return to full strength after thawing and thorough agitation.

SAFETY

Prior to any use, please read carefully the Safety Data Sheet (SDS).