

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.

It is a low viscous liquid, which has been formulated by the manufacturer for use as received. DARACEM® 19A contains no 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 superplasticizer 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