

Donplast SR300P

Expansive concrete admixture (Formerly known as Flocrete SR300P)



Description

Donplast SR300P is a powdered admixture specially designed to produce shrinkage compensating concrete mixes where med-to-low water to cement ratio and positive volumetric change are required.

Applications

- ▲ Concrete floors.
- ▲ Bridges decks.
- ▲ Jetties and block for sea works.
- ▲ Parking structures.
- ▲ Watertight constructions.
- ▲ High strength concrete sheet pile.

Advantages

- ▲ Allows for net shrinkage reduction for concrete mixes.
- ▲ Does not affect the mechanical strength.
- ▲ Does not impact the water/cement ratio.
- ▲ Compatible with superplasticizers and air-entrained concrete.
- ▲ Improves water tightness.

Compatibility

Donplast SR300P is compatible with other DCP admixtures used in the same concrete mix. If more than one type of admixture is to be used, they must be dispensed into the mix separately.

Method of Use

For the best results, Donplast SR300P should be added to the concrete at the job site 30 minutes before discharge.

Dosage

Depending on the application, the dosage of Donplast SR300P varies from 0.5 to 2.5% of the cement or cementitious materials in the mix including GGBFS, PFA or micro-silica.

Technical Properties:

| | |
|-------------------------------|-------------------------|
| Appearance: | Grey to brownish liquid |
| Equivalent Na ₂ O: | < 0.8% |
| Chloride content: | < 0.1% |

Cleaning

Clean Donplast SR300P with fresh cold water.

Packaging

Donplast SR300P is available in 11 lb (5kg) and 22 lb (25 kg) bags, other packaging can be available upon request.

Storage

Donplast SR300P is very sensitive to moisture and should be stored in cool and dry conditions.

If these conditions are exceeded, contact DCP Technical Department for advice.

Cautions

Health and Safety

Donplast SR300P should not come into contact with skin and eyes.

In case of contact with eyes, immediately flush with plenty of water and seek medical attention.

For further information, refer to the Material Safety Data Sheet.

Fire

Donplast SR300P is nonflammable.

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More from Don Construction Products

A wide range of construction chemical products are manufactured by DCP which include:

- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

Don Construction Products Inc.
2826 Lineberger Industrial Dr.
Lancaster, SC 2970
USA

Note:

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