

# Flocrete SR100

Shrinkage reducing admixture



## Description

Flocrete SR100 is formulated from selected polymers specially designed to resist drying shrinkage of concrete.

## Applications

- ▲ All kinds of cementitious materials.
- ▲ Flooring concrete.
- ▲ Bridges and dwellings.
- ▲ Paving concrete and pre-cast items.

## Advantages

- ▲ Reduces alkali content.
- ▲ Reduces the risk of cracking.
- ▲ Increases adhesion.
- ▲ Does not impact the water/cement ratio.
- ▲ Used with superplasticisers and air entrained concrete.

## Compatibility

Flocrete SR100 is compatible with other admixtures on the market. Compared to competing shrinkage reducing agents, Flocrete SR100 is compatible with the new generation of comb-polymers.

## Method of Use

Flocrete SR100 should be added to the concrete with the mixing water to achieve optimum performance.

Automatic dispenser should be used to dispense the correct quantity of Flocrete SR100 to the concrete mix.

## Dosage

Depending on the application, the dosage of Flocrete SR100 varies from 0.5 - 6% of the cement and pozzolana content. For production of a normal flooring concrete, the recommended dosage is approximately 1.0%. Optimum effect is obtained when Flocrete SR100 is added together with the mixing water.

## Cleaning

Flocrete SR100 can be washed with fresh cold water.

## Technical Properties @ 25°C:

Appearance	Clear, yellowish liquid
Density at 20°C	0.95 ± 0.1
Equivalent Na <sub>2</sub> O	< 1%
Chloride content	< 0.05%
pH	5 - 8
Viscosity	200 ± 50 cp
Water solubility	easily dispersible
Freezing point	0°C
Side effect of dosing	None
Side effect of overdosing	Set retardation

## Packaging

Flocrete SR100 is available in 20 litre pails, 210 litre drums and 1000 litre bulks supply.

## Storage

- ▲ Flocrete SR100 has a 12 months shelf life from date of manufacture when stored at temperatures of 5–30°C (40°–85°F).
- ▲ Below 10°C (50°F), Flocrete SR100 might form small crystals, but these do not effect the properties. If the product has been frozen, it should be thawed out and re-mixed.
- ▲ To avoid discolouration of the liquid and to minimise the risk of deterioration of properties, the product should be stored in plastic tanks or plastic coated steel tanks.
- ▲ Storage tanks should be cleaned annually.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

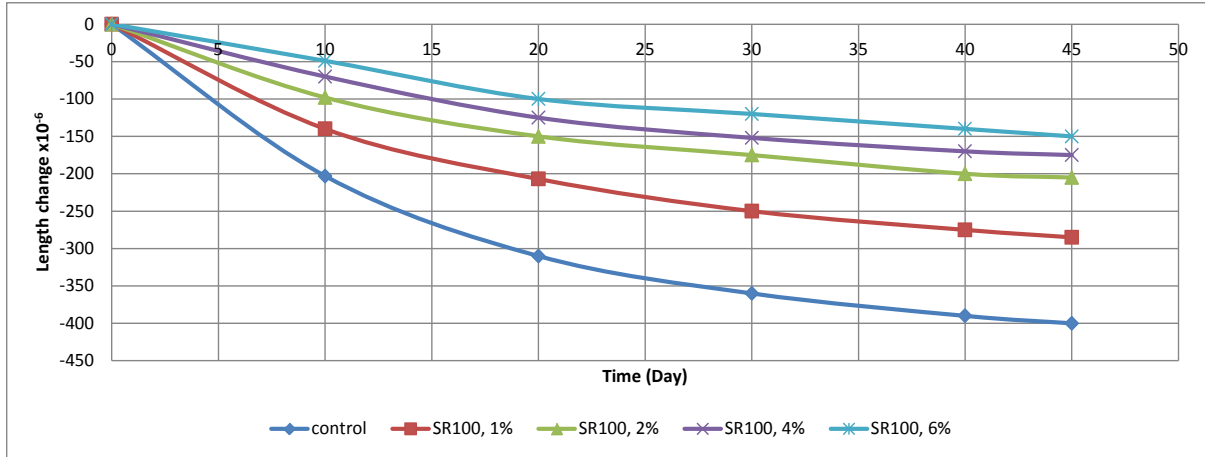
## Cautions

## Health and Safety

Flocrete SR100 is not classified as hazardous material. Flocrete SR100 should not come into contact with skin and eyes.

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## Drying Shrinkage Control with Flocrete SR100



In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

For further information refer to the Material Safety Data sheet.

### Fire

Flocrete SR100 is nonflammable.

## 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.

### Note:

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