

# Flocrete CW100

Accelerating admixture for unreinforced concrete and masonry



## Description

Flocrete CW100 is a calcium chloride based accelerating liquid admixture used to accelerate the early strength of unreinforced concrete and masonry.

## Applications

Flocrete CW100 is ideally designed for use in the following applications:

- ▲ Accelerating cement hydration which allow the concrete to resist frosting when it is at early stage.
- ▲ Unreinforced concrete flooring.
- ▲ Concrete brick, roofing tile, concrete pipes and dry-cast products.
- ▲ Early form work release.
- ▲ Segmental retaining wall systems.

## Advantages

- ▲ Improves compressive strengths at early stage.
- ▲ Extends the mould life.
- ▲ Improves frost resistance at early stage.
- ▲ Speeding the production by enabling earlier release of precast moulds.
- ▲ Produces more defined edges.

## Compatibility

Flocrete CW100 can be used with ordinary cement and rapid hardening cement but not with high sulfate and high alumina cement.

Flocrete CW100 should not be used in conjunction with other admixtures unless DCP technical department approval is obtained.

## Standards

Flocrete CW100 complies with ASTM C494, Type C and BS 5075, Part 1.

## Method of Use

Flocrete CW100 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 CW100 to the concrete mix.

## Technical Properties @ 25°C:

Colour:	Clear yellowish liquid
Specific gravity:	Typically 1.35 ± 0.01
Freezing point:	-1°C

*Note: The material Should be Mix Well before use.*

## Dosage

The guidance dosage of Flocrete CW100 is 1.6 - 3.4 litre per 100 kg of cement in the mix. Trials should be conducted to determine the optimum dosage of Flocrete CW100 to meet the performance requirements by using the materials and conditions in actual use.

## Cleaning

Flocrete CW100 can be washed with fresh cold water.

## Packaging

Flocrete CW100 is available in 5, 20, 200 litre drums and 1000 litre bulks supply.

## Storage

Flocrete CW100 has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 50°C.

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

## Cautions

### Health and Safety

Flocrete CW100 is not classified as hazardous material. Flocrete CW100 should not come into contact with skin and eyes.

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.

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## Fire

Flocrete CW100 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:**

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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