

Donplast CW100

Accelerating admixture for concrete (Formerly known as Flocrete CW100)



Description

Donplast CW100 is a calcium chloride-based accelerating liquid admixture designed to accelerate the normal setting time of unreinforced concrete and masonry.

Applications

- ▲ Accelerating cement hydration which allows the concrete to resist frosting at the early stage.
- ▲ Unreinforced concrete flooring.
- ▲ Concrete brick, roofing tile, concrete pipes and other concrete products.

Advantages

- ▲ Reduces initial set time.
- ▲ Improves the mix cohesion and minimizes bleeding and segregation.

Compatibility

Donplast CW100 can be used with all types of Portland cement and cement replacement materials. Donplast CW100 should not be used in conjunction with other admixtures unless DCP's Technical Department approval is obtained.

Limitation

Donplast CW100 is not recommended for reinforced concrete structures or where specifications restrict the use of chlorides in concrete. DCP's range of chloride-free set accelerator should be used in these cases.

Standards

Donplast CW100 complies with the requirements of Specification for Chemical Admixture for Concrete ASTM C494 as a Type C.

Technical Properties @ 77°F (25°C):

Colour:	Turbid liquid
Specific gravity:	1.34 ± 0.02
Freezing point:	30°F (-1°C)

The material should be mixed well before use.

Method of Use

Donplast CW100 should be added to the concrete with the mixing water to achieve optimum performance.

An automatic dispenser should be used to dispense the correct quantity of Donplast CW100 to the concrete mix.

Dosage

Dosage of Donplast CW100 will vary depending on cement content and outside temperature. The required dosage should be determined for each case.

Typical dosage is between 25 to 52 fl oz/100lb (1,625 - 3,380 ml/100 kg) of cement content. Dosages outside the typical range given above may be used to meet particular requirements.

Cleaning

Clean Donplast CW100 with fresh cold water.

Packaging

Donplast CW100 is available in 5 gal (19 litre) containers as well as 275 gal (1,041 litre) and 330 gal (1,249 litre) IBC totes. Bulk supply in tanker trucks is also available upon request.

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Storage

Store in dry conditions. Donplast CW100 has a shelf life of 12 months from date of manufacture if stored properly in its original unopened packing.

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

Cautions

Health and Safety

Donplast CW100 is not classified as a hazardous material. Donplast CW100 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 CW100 is nonflammable.

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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.

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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.

