

Donplast Antifreeze Plus

Cold weather concreting admixture (Formerly known as Flocrete Antifreeze Plus)



DESCRIPTION

Donplast Antifreeze Plus is a chloride-free concrete admixture in a liquid form specially formulated to produce high-quality concrete mixes at very low temperatures.

APPLICATIONS

Donplast Antifreeze Plus is suitable for use in conditions such as:

- » Concrete casting at low temperatures.
- » Expected overnight frost.
- » Early concrete strength requirements.
- » High strength concrete.

ADVANTAGES

- » Increases frost resistance.
- » Improves early and ultimate strengths.
- » Chloride-free; does not attack reinforcement.

COMPATIBILITY

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

STANDARDS

Donplast Antifreeze Plus complies with the requirements of Specification for Chemical Admixture for Concrete ASTM C494 as a Type C and E admixture, depending on the used dosage.

METHOD OF USE

Donplast Antifreeze Plus can be added to the mixing water before its addition to the concrete mix or dispensed separately after the addition of mixing water.

DOSAGE

Dosage of Donplast Antifreeze Plus varies depending on cement content and outside temperature. Required dosage should be determined for each case.

The recommended dosage of Donplast Antifreeze Plus is 11 to 46 fl oz/100 lb (715 - 2,990 ml/100 kg) of cement or cementitious materials in the mix including GGBFS, PFA or micro-silica. Dosages outside the typical range given above may be used to meet particular requirements.

TECHNICAL PROPERTIES @ 77°F (25°C):

Form:	Light brown liquid
Freezing point:	7°F (-14°C)
Specific gravity:	1.28 ± 0.03
pH:	5 - 7
Chloride content:	Chloride-free

CLEANING

Donplast Antifreeze Plus spillage should be collected by a suitable absorbent such as sand or vermiculite and transferred by a suitable container. Donplast Antifreeze Plus should not be allowed to enter sewers or open bodies of water.

Dispose in accordance with local environmental regulations.

PACKAGING

Donplast Antifreeze Plus 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.

STORAGE

Store in dry conditions. Donplast Antifreeze Plus has a minimum 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 Antifreeze Plus is classified as a hazardous material. Donplast Antifreeze Plus 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 Antifreeze Plus is nonflammable.

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WARRANTY

Unless expressly stated otherwise in the Sales Documents, the Limited Warranty shall expire on the expiry date listed on the Product's label or packaging. The full text of DCP's limited warranty is found in DCP's standard terms and conditions of sale (the "Terms"), which are available at [DCP Website/USA – Terms & Conditions](#). DCP's limited warranty is in all cases subject to, and conditioned upon, the Terms.

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.

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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.

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