

# Flocrete Antifreeze A

Water reducing and antifreeze admixture



## Description

Flocrete Antifreeze A is a concrete admixture in liquid form for producing concrete where temperatures are expected to go below freezing.

## Applications

Flocrete Antifreeze A is suitable for use in cold conditions such as:

- ▲ Slight daytime frost.
- ▲ Expected overnight frost.
- ▲ Expected cold period.

## Advantages

Flocrete Antifreeze A provides the following properties:

- ▲ Improved workability without increased water.
- ▲ Reduction in water without loss of workability.
- ▲ Increased frost resistance.
- ▲ Improved strengths.
- ▲ Chloride free - does not attack reinforcement.

## Compatibility

Flocrete Antifreeze A is compatible with other DCP admixtures used in the same concrete mix.

If more than one type of admixture is to be used in concrete mix, they must be dispensed to the concrete separately.

## Standards

Flocrete Antifreeze A complies with the following specifications:

- ▲ EN934-2.
- ▲ BS5075.
- ▲ ASTM C494, Type C and E.

## Method of Use

Flocrete Antifreeze A liquid is added to the mixing water prior to its addition to the concrete mix as the last component.

## Technical Property @ 25°C:

Color:	Brown liquid
Freezing point:	-18°C
Specific gravity:	1.32 ± 0.02
Air entrainment:	Typically less than 2% additional air is entrained above control mix at normal dosages

## Dosage

Dose at a rate of 1 – 2 kg/ 100 kg cement.

Exact quantity is determined by external temperature.

Dosages outside the typical ranges quoted above can be used to meet particular requirements.

## Cleaning

Flocrete Antifreeze A spillage should be collected with a suitable absorbent such as sand or vermiculite and transferred in suitable container. Flocrete Antifreeze A should not be allowed to enter sewers or open bodies of water.

If the spillage dries, the material is classified as ignitable waste. Dispose of in accordance with local environmental regulations.

## Packaging

Flocrete Antifreeze A is available in 25 litres pails, 210 litres drums and 1000 litres bulks supply.

## Storage

Store in dry conditions. Flocrete Antifreeze A has a minimum shelf life of 12 months if stored properly in its original unopened packing.

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

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## Cautions

### Health and Safety

Flocrete Antifreeze A is classified as hazardous material. Flocrete Antifreeze A 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.

### Fire

Flocrete Antifreeze A is water based and is non-flammable.

## More from Don Construction Products


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

- ▲ Concrete admixtures.
- ▲ Grouts and chemical fixings.
- ▲ Concrete repairs.
- ▲ Industrial floorings.
- ▲ Structural protection.
- ▲ Waterproofing.

#### Note:

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