

Flocrete SP5000J

Cold weather concreting admixture



Description

Flocrete SP5000J is a multi-component, high performance concrete additive in liquid form for producing high quality concrete at very low temperatures. Flocrete SP5000J is chloride free.

Applications

Flocrete SP5000J is recommended for use in conditions such as:

- ▲ Concrete casting at low temperatures
- ▲ Expected overnight frost.
- ▲ Early concrete strength requirements
- ▲ High strength concrete
- ▲ Can be used as a sole additive to achieve required concrete performance at very low temperatures.

Advantages

Flocrete SP5000J provides for the following:

- ▲ Improved workability without increased water content.
- ▲ High reduction in water without loss of workability.
- ▲ Increased frost resistance.
- ▲ Improved early and long term strengths.
- ▲ Chloride free - does not attack reinforcement.

Compatibility

Flocrete SP5000J is compatible with other DCP admixtures used in the same concrete mix.

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

Standards

Flocrete SP5000J complies with the following specifications:

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

Technical Properties @ 25°C:

| | |
|-----------------------------|--|
| Colour: | Brown liquid |
| Freezing point: | -14°C |
| Specific gravity: | 1.26 ± 0.01 |
| Chloride content: BS5075 | Nil |
| Air entrainment: | Typically less than 2% additional air is entrained above control mix at normal dosages |

Method of Use

Flocrete SP5000J can be added to the mixing water prior to its addition to the concrete mix, or dispensed separately after the addition of mixing water.

Dosage

Dosage of Flocrete SP5000J will vary depending on cement content and outside temperature. Required dosage should be determined for each case.

Typical dosage is between 1 - 2% of cement content. Dosages outside the typical range given above may be used to meet particular requirements.

Consult Don Technical Department for further advice.

Cleaning

Flocrete SP5000J spillage should be collected by a suitable absorbent such as sand or vermiculite and transferred by a suitable container.

Flocrete SP5000J should not be allowed to enter sewers or open bodies of water.

Dispose of in accordance with local environmental regulations.

Packaging

Flocrete SP5000J is available in 25 litre pails, 210 litre drums, and 1000 litre bulks supply.

Flocrete SP5000J

Storage

Store in dry conditions. Flocrete SP5000J 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, DCP Technical Department should be contacted for advice.

Cautions

Health and Safety

Flocrete SP5000J is classified as hazardous material. Flocrete SP5000J 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 SP5000J is water based and 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.

 expertise

 quality

 full range