

Flocrete® P11

Water reducing admixture



DESCRIPTION

Flocrete P11 is formulated from selected polymers specially designed to enable the water content of the concrete to perform more effectively. This effect can be used to improve workability, to increase ultimate strengths or to facilitate a reduction in the cement content while sustaining mix properties.

APPLICATIONS

- » To produce high quality concrete of improved durability and water tightness.
- » To improve cohesion in concrete mixes.

ADVANTAGES

- » Improved workability, reduces placing and compaction problems.
- » Cold joints can be avoided by extending initial and final concrete setting time.
- » Higher strength with same cement content.
- » Cement saving without affecting strength.
- » More durable concrete as a result of reduction in permeability and lower water to cement ratio.

COMPATIBILITY

Flocrete P11 is suitable to use with all types of Portland cement and cement replacement materials. Flocrete P11 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 P11 complies with ASTM C494, Type A, EN 934-2, Table 2, and BS 5075, Part 1.

METHOD OF USE

Flocrete P11 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 Flocrete P11 to the concrete mix.

TECHNICAL PROPERTIES @ 25°C:

Colour:	Brown liquid
Freezing point:	-2°C
Specific gravity:	1.035 ± 0.02
Chloride content: BS 5075	Nil
Air entrainment:	Typically less than 2% additional air is entrained above control mix at normal dosages

DOSAGE

The recommended dosage of Flocrete P11 is 0.2 - 1.2 kg per 100 kg of cementitious materials in the mix, including GGBFS, PFA or microsilica.

Representative trials should be conducted to determine the optimum dosage of Flocrete P11 to meet the performance requirements by using the materials and conditions in actual use.

EFFECTS OF OVERDOSAGE

Overdosage of Flocrete P11 will cause the following:

- » Significant increase in retardation.
- » Increase in workability.

Ultimate concrete strength will not be adversely affected and will generally be increased provided that proper concrete curing is maintained.

CLEANING

Clean Flocrete P11 with fresh cold water.

PACKAGING

Flocrete P11 is available in 1000 litre bulks supply.

Don Construction Products

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STORAGE

Flocrete P11 has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 35°C.

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

CAUTIONS

HEALTH AND SAFETY

Flocrete P11 is not classified as a hazardous material. Flocrete P11 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

Flocrete P11 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.

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