

Flocrete BLK10

Plasticizing admixture for concrete masonry products with minimal effect on concrete colour



DESCRIPTION

Flocrete BLK10 is a chloride free ready to use plasticizing liquid admixture used to produce concrete block, pipe, roofing tiles, concrete brick and pavers.

Flocrete BLK10 disperses the fine particles in the concrete mix, enabling the water content of the concrete to perform more effectively and improving the consistency of the concrete.

Flocrete BLK10 will produce more defined edges and disperse integral colors evenly and does not contain any added chlorides that would promote the corrosion of steel.

APPLICATIONS

Flocrete BLK10 is ideally designed for use in the following applications:

- » Concrete block.
- » Drycast products.
- » Concrete brick.
- » Concrete roofing tile.
- » Segmental retaining wall systems.
- » Concrete pipe.

ADVANTAGES

- » Improves compressive strengths.
- » Extends mold life.
- » Produces moderate to high swipe.
- » Improves feed and cycle times.
- » Produces more defined edges.
- » Reduces unit cost by cement saving.
- » Minimal effect on concrete colour.

COMPATIBILITY

Flocrete BLK10 suitable to use with all types of Portland cement and cement replacement materials. Flocrete BLK10 should not be used in conjunction with other admixtures unless DCP technical department approval is obtained.

METHOD OF USE

Flocrete BLK10 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 BLK10 to the concrete mix.

TECHNICAL PROPERTIES @ 25°C:

| | |
|-------------------------------|---------------------------|
| Colour: | Clear to yellowish liquid |
| Specific gravity: | 1.02 ± 0.02 |
| Chloride content: EN 934-2 | Chloride-free |
| Freezing point: | ≈ -1°C |

DOSAGE

The recommended dosage of Flocrete BLK10 is 0.5 to 4.5 liter per 100 kg of cementitious materials in the mix, including GGBFS, PFA or microsilica.

Trials should be conducted to determine the optimum dosage of Flocrete BLK10 to meet the performance requirements by using the materials and conditions in actual use.

EFFECTS OF OVER DOSAGE

Overdosage of Flocrete BLK10 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 BLK10 with fresh cold water.

PACKAGING

Flocrete BLK10 is available in 25 litres jerrycan, 210 litres drums and 1000 litres bulks supply.

STORAGE

Flocrete BLK10 has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 50°C.

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

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CAUTIONS

HEALTH AND SAFETY

Flocrete BLK10 is not classified as a hazardous material. Flocrete BLK10 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 BLK10 is nonflammable.

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- » 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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