

Flocrete BLK8

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



Description

Flocrete BLK8 is a chloride free ready to use plasticizing liquid admixture used to produce concrete block, pipe, roofing tiles, concrete brick and pavers.

Flocrete BLK8 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 BLK8 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 BLK8 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 BLK8 suitable to use with all types of Portland cement and cement replacement materials. Flocrete BLK8 should not be used in conjunction with other admixtures unless DCP technical department approval is obtained.

Technical Properties @ 25°C:

Appearance:	Clear brownish liquid
Specific gravity:	1.02 ± 0.02
Chloride content: EN 934-2	Chloride-free
Freezing point:	≈ -1°C

Method of Use

Flocrete BLK8 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 BLK8 to the concrete mix.

Dosage

The recommended dosage of Flocrete BLK8 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 BLK8 to meet the performance requirements by using the materials and conditions in actual use.

Effects of Over Dosage

Overdosage of Flocrete BLK8 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 BLK8 with fresh cold water.

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Riyadh Offices:

Exit 9, Al Izdehar, Beside ACDelco Petrol Station

Jeddah Offices:

Al-Henaki Business Center, Tower C

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Packaging

Flocrete BLK8 is available in 25 litres jerrycan, 210 litres drums and 1000 litres bulks supply.

Storage

Flocrete BLK8 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.

Cautions

Health and Safety

Flocrete BLK8 is not classified as a hazardous material. Flocrete BLK8 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 BLK8 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.

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Note:

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