

Flocrete VE10

High performance viscosity enhancer for self compacting concrete



Description

Flocrete VE10 is a high performance viscosity enhancer polymer specially designed to increase the cohesion of self compacting concrete mixes to reduce the chances of segregation and bleeding.

Flocrete VE10 should be used in combination with DCP Hyperplast range for the self compacting concrete mixes to get the maximum efficiency.

Applications

- ▲ Self compacting concrete.
- ▲ For high levels concrete pumping where the high dosage of water reducer should be used.

Advantages

- ▲ Minimizes segregation and bleeding problems by improving cohesion.
- ▲ Optimises cement utilization.

Compatibility

Flocrete VE10 can be used with all types of Portland cement and cement replacement materials.

Flocrete VE10 should not be used in conjunction with other admixtures unless DCP Technical Department approval is obtained.

Method of Use

Flocrete VE10 should be added to the concrete with the last third of the mixing water to achieve optimum performance.

Automatic dispenser should be used to dispense the correct quantity of Flocrete VE10 to the concrete mix.

Dosage

The guidance dosage of Flocrete VE10 is 0.10 - 1.0 liters/ 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 VE10 to meet the performance requirements by using the materials and conditions in actual use.

Technical Properties:

Color:	White liquid
Freezing point:	≈ -1°C
Specific gravity:	1.03 ± 0.02
Chloride content:	Nil

Effects of Over Dosage

Over dosing of Flocrete VE10 will reduce the slump retention significantly.

Cleaning

Flocrete VE10 can be washed with fresh cold water.

Packaging

Flocrete VE10 is available in 25 liter pails, 210 liter drums and 1000 liter bulks supply.

Storage

Flocrete VE10 shelf life is 12 months from date of manufacture if stored at temperatures between 2°C and 50°C.

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

Cautions

Health and safety

Flocrete VE10 is not classified as hazardous material. Flocrete VE10 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 VE10 is non flammable.

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