

Flocrete VE25

High performance viscosity enhancer for self compacting concrete



Description

Flocrete VE25 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 VE25 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 VE25 can be used with all types of Portland cement and cement replacement materials.

Flocrete VE25 should not be used in conjunction with other admixtures unless DCP Technical Department approval is obtained.

Standards

Flocrete VE25 complies with EN 934-2.

Method of Use

Flocrete VE25 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 VE25 to the concrete mix.

Dosage

The guidance dosage of Flocrete VE25 is 0.1 - 0.8 litres per 100 kg of cementitious materials in the mix, including GGBFS, PFA or microsilica.

Technical Properties:

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

Representative trials should be conducted to determine the optimum dosage of Flocrete VE25 to meet the performance requirements by using the materials and conditions in actual use.

Effects of Over Dosage

Over dosing of Flocrete VE25 will reduce the slump retention significantly.

Cleaning

Flocrete VE25 can be washed with fresh cold water.

Packaging

Flocrete VE25 is available in 25 litres pails, 210 litres drums and 1000 litres bulks supply.

Storage

Flocrete VE25 shelf life is 6 months from date of manufacture if stored at temperatures between 5°C and 35°C.

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

Cautions

Health and safety

Flocrete VE25 is not classified as hazardous material. Flocrete VE25 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.

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Fire

Flocrete VE25 is nonflammable.

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