

Supaflo VMA

High performance viscosity enhancer for self compacting concrete



Description

Supaflo VMA 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.

Supaflo VMA 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

Supaflo VMA can be used with all types of Portland cement and cement replacement materials.

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

Standards

Supaflo VMA complies with BS 8443, Table 6.

Method of Use

Supaflo VMA 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 Supaflo VMA to the concrete mix.

Dosage

The guidance dosage of Supaflo VMA is 0.04 - 0.8 kg per 100 kg of cementitious materials in the mix, including GGBFS, PFA or microsilica.

Technical Properties:

Colour:	Light yellow liquid
Freezing point:	≈ -3°C
Specific gravity:	1.06 ± 0.02
Chloride content:	Nil

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

Effects of Over Dosage

Over dosing of Supaflo VMA will reduce the slump retention significantly.

Cleaning

Supaflo VMA can be washed with fresh cold water.

Packaging

Supaflo VMA is available in 20 kg pails, 225 kg drums and 1000 litres IBC supply.

Storage

Supaflo VMA 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

Supaflo VMA is not classified as hazardous material. Supaflo VMA 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

Supaflo VMA is nonflammable.

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- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

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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