



Max Flo VE is a chloride free admixture consisting of a mixture of highly water soluble copolymers molecules of which are adsorbed onto the surface of the cement granules, thereby changing the viscosity and influencing the rheological properties of the mix.

USES

Max Flo VE is used to improve the rheology of concrete, to arrest the bleeding from pumpable concrete, used in underwater concreting, to improve the performance of concrete which contains inadequate quantity of fine, etc.

ADVANTAGES

- ✓ Max Flo VE provides excellent stability to the hydraulic binder
- ✓ Opposes segregation and sedimentation in treated concrete
- ✓ Produces concrete distinguished by its great stability and strong capacity to retain water
- ✓ Obtain great flexibility in choice and type of cast because of low risk of segregation, greater pumping speed and distance.
- ✓ Makes the mixes less sensitive to variation in sand grading, shape and moisture content of the aggregates and characteristics of the binders

TYPICAL PROPERTIES AT 25°C

Property	Test Method	Value
Component	-	Single
Form	-	Liquid
Appearance	-	Brown
Specific Gravity	ASTM D1475	1.02 +/- 0.02
Chloride Content	BSEN 480-10	Nil to BSEN 934-2
pH	ASTM C 494	7-9

Typical results under laboratory conditions. Results may vary as per site and usage conditions

COMPATIBILITY

Max Flo VE can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica etc. Max Flo VE should not be premixed with other admixtures unless recommended by Ressichem Technician.



DOSAGE

Recommended dosage is 0.05 –0.5 % by weight of cementitious material. Higher dosage can be used after verification of performance by conducting lab and site trials. The performance of Max Flo VE is best assessed after preliminary tests on site using the actual raw material and mix under consideration to determine optimum dosages and effects on properties such as workability, strength, setting time, etc.

EFFECT OF OVERDOSING

Overdosing may result in loss of workability, increase in air content and can delay in setting.

NOTE

Max Flo VE must not be added directly into the dry mix. To produce self-compacting concrete, Max Flo VE should be used in combination with Max Flo 4000 / 5000 in order to achieve maximum efficiency. No extension of normal mixing time is necessary but thorough mixing is essential. A self-compacting mix should have a high workability and high viscosity.

PACK SIZE

Available in 1 Liter, 5 Liters, 10 Liters, 15 Liters, 25 Liters and 200 Liters of packaging.

DISPENSING

Max Flo VE should be directly dispensed into the concrete mixer together with mixing water.

SHELF LIFE

12 months from the date of manufacture when stored under cool and dry warehouse conditions in original unopened packaging. Extreme temperature and humidity may reduce shelf life.

HEALTH AND SAFETY

This product is considered as non-hazardous and safe for transportation. Suitable masks and gloves can be worn during application. Contact with skin should be avoided. Refer to product MSDS for further health and safety information.