



Max Flo SP 902 is a very effective, high range water reducing, accelerating superplasticiser and an extremely powerful de-flocculating agent. It is based on polymeric sulphonate naphthalene.

STANDARD

ASTM C 494 Type E, and F, BS EN 934-2

USES

Max Flo SP 902 is used to produce high slump concrete for the precast industries and other types of concrete elements like beams, columns, slabs etc. Max Flo SP 902 is used where substantial water reductions are required to provide high early and ultimate strengths. i.e. precast factories, prestressed concrete bridges, Shortcreting etc.

ADVANTAGES

- ✓ Water reduction more than 30%
- ✓ Increased production speed at precast yards
- ✓ Quick hardening of concrete in initial stages
- ✓ Steam curing can be avoided
- ✓ Extremely useful for concrete in cold climate
- ✓ Increases durability by reducing permeability
- ✓ Improved waterborne salt resistance
- ✓ Chloride free and safe for use in pre-stressed and reinforced concrete.

TYPICAL PROPERTIES AT 25°C

Property	Test Method	Value
Component	-	Single
Form	-	Liquid
Color	-	Brown
Specific Gravity	ASTM C 494	1.22 +/- 0.02
Air Entrainment	ASTM C231	Up to 1% over control Mix
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 SP 902 can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica etc. Max Flo SP 902 should not be premixed with other admixtures unless recommended by Ressichem Technician.

DOSAGE

Recommended dosage is 0.5 – 3.0 % by weight of cementitious material. Higher dosage can be used after verification by conducting lab and site trials. Optimum dosage of Max Flo SP 902 and effect on concrete properties such as workability, strength, setting time, etc. are best assessed after preliminary tests on site using the actual materials of mixes under consideration.

EFFECT OF OVERDOSING

Overdosing may result in higher workability and fast in setting. If intentionally or accidentally, dosage used is above the recommended dosages, care must be taken to allow for the effect on the stripping time of formwork and starting time for curing.

PACK SIZE

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

DISPENSING

Max Flo SP 902 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.