



WATER REDUCING AND SET RETARDING SUPERPLASTICISER



Max Flo SP 802 (Powder) is a powerful admixture specifically designed for producing high slump concrete in hot climates. It is based on selected sulphonated naphthalene polymers and is a powerful de-flocculent.

STANDARD

ASTM C494, Type B, D and G, BS EN 934-2

USES

Max Flo SP 802 (Powder) may be used in tunnel linings, dams, power plants, highways, ports and other large project where high performance concrete is required. A substantial water reducing agent, it is used for promoting high early and ultimate strength.

ADVANTAGES

- ✓ High slump concrete for congested areas
- ✓ Extension of workability
- ✓ Improved permeability and durability of concrete
- ✓ Up to 25% water reduction
- ✓ No excessive air entrainment
- ✓ Better surface finish
- ✓ Durable concrete may be achieved
- ✓ Better resistance to wear and abrasion
- ✓ Chloride free
- ✓ Reduced shrinkage and creep
- ✓ Suitable for hot climates.

TYPICAL PROPERTIES AT 25°C

Property	Test Method	Value
Appearance	-	Brown Powder
Bulk Density	-	0.75 kg/ltr +/- 0.05
Chloride Content	BS 5075	Nil to BS EN 934-2
Air Entrainment	-	Up to 1% over control mix

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

COMPATIBILITY

Max Flo SP 802 (Powder) can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica etc. It should not be pre-mixed with other admixtures.



DOSAGE

Recommended dosage is 0.25 – 1.5 % by weight of cementitious material. Higher dosage can be used after verification of performance by conducting lab and site trials.

EFFECT OF OVERDOSING

Overdosing may result in higher workability and delay in setting. If intentionally or accidentally, dosage used is above the recommended dosages, care must be taken not to allow for the effect on the stripping of formwork. In such cases, provide the concrete is properly cured the ultimate strength will generally be higher than the regular concrete.

PACK SIZE

Available in 2KG and 20 KG packs.

NOTE

Max Flo SP 802 (Powder) can be mixed with water directly to form an admixture solution that can be used as per recommended dosage and concentration of the powder. The recommended dosage should be as per the powdered dosage as mentioned in the dosage section of this data-sheet. It is always recommended to conduct a trial before dosages and dosing methodology is defined.

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.