



**Max Flo P 800** is liquid, plasticizing, water reducing and retarding concrete admixture based on a high grade lignosulphonic acid derivative. Max Flo P 800 is formulated from carefully selected raw material and is manufactured under controlled conditions to give a consistent product.

## STANDARD

ASTM C 494 Type B and D, BS EN 934-2

## USES

Max Flo P 800 is used to produce easily workable and dense concrete for all types of readymixed concrete, tunnels, runways, canals, reservoirs, and marine structure etc. It can also be used as water-proofer to reduce permeability of concrete.

## ADVANTAGES

- ✓ Good slump retention even at higher temperatures
- ✓ Good workability improvement to most of concrete mixes
- ✓ 10% - 15% water reduction effect can be obtained
- ✓ Increases strength due to water reduction
- ✓ Pumpable concrete
- ✓ Effective in achieving cement reduction
- ✓ Durable concrete may be achieved
- ✓ Extended setting time at high temperatures
- ✓ Reduced shrinkage and creep

## TYPICAL PROPERTIES AT 25°C

Property	Test Method	Value
Component	-	Single
Form	-	Liquid
Colour	-	Dark Brown
Specific Gravity	ASTM C 494	1.16 +/- 0.02
Air Entrainment	ASTM C 231	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 P 800 can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica etc. Max Flo P 800 should not be premixed with other admixtures unless recommended by Ressichem Technician.

## DOSAGE

Recommended dosage is 0.5% – 1.5% by weight of cementitious material. Higher dosage can be used after verification by conducting lab and site trials. Consult Ressichem Technician for optimum dosage and effect on properties such as strength, setting time, etc.

## 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 to allow for the effect on the stripping time of formwork. In such cases, provided the concrete is properly cured, the ultimate strength will generally be higher than the regular concrete. The effects of overdosing are increased when sulphate resistant cement is used in the concrete mixes because of the chemical nature of the cement as compared to that of OPC.

## PACK SIZE

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

## DISPENSING

Max Flo P 800 should be dispensed directly 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.