



**Max Flo P** is a liquid, concrete plasticizer based on selected refined lignosulphonates and other key additives. When added to the concrete mix, it disperses the fine cement particles in the concrete mix and improves workability.

## STANDARD

ASTM C 494 Type A, BS EN 934-2

## USES

Max Flo P can be used to produce pumpable and dense concrete, it is used in both ready-mix as well as site batched concrete to produce cohesive and waterproof concrete.

## ADVANTAGES

- ✓ 10% - 15% water reduction effect can be obtained.
- ✓ Water reduction significantly improves compressive strength.
- ✓ Enhances durability through the production of low permeability concrete.
- ✓ Effective in achieving cement reduction.
- ✓ Good workability, better surface finish.
- ✓ Chloride free, safe for use in prestressed reinforced concrete.
- ✓ Minimizes the risk of segregation and bleeding.

## TYPICAL PROPERTIES AT 25°C

| Property         | Test Method | Value                     |
|------------------|-------------|---------------------------|
| Component        | -           | Single                    |
| Form             | -           | Liquid                    |
| Color            | -           | Dark Brown                |
| Specific Gravity | ASTM C 494  | 1.16 +/- 0.02             |
| Air Entrainment  | ASTM C 231  | Up to 2% 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 can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica etc. Max Flo P should not be mixed with other additives or admixtures unless recommended by Ressichem Technician.

## DOSAGE

Recommended dosage is 0.5% – 1.5% by weight of cementitious material like fly as, GGBS, micro silica etc. Higher dosages can be used after verification by conducting lab and site trials. Max Flo P should not be premixed with any other admixture unless Recommended by Ressichem Technician.

## EFFECT OF OVERDOSING

Overdosing may result in higher workability and can delay in setting time. In such case, stripping time of formwork should be extended. Ultimate strength will be higher than the regular set concrete. Effects of overdosing are increased when sulphate resistant cement is used in concrete mixes.

## PACK SIZE

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

## DISPENSING

Max Flo P 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.



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\*Universal drum with product printed label.

Note: Color scheme and design of the drum may vary as per actual stock of the Packaging Material in hand at the time of order.