

**Max Flo R** is water reducing and retarding liquid admixture to improve the workability of concrete and mortars. Max Flo R is formulated from carefully selected raw materials and is manufactured under controlled conditions to give a consistent product. It is based on a high grade plasticizing and retarding agent.

## USES

Max Flo R is used to produce workable and retarding concrete, plasters, renders and mortars including all types of RMC's tunnels, runways, canals, reservoirs and marine structures, etc. It can also be used as water proofer to reduce permeability of concrete.

## ADVANTAGES

- ✓ Good workability improvement to most of concrete mixes
- ✓ Ultimate strength enhancement
- ✓ Can be used for pumpable concrete
- ✓ Extended setting time in high temperatures.
- ✓ Reduced shrinkage and creep

## TYPICAL PROPERTIES AT 25°C

| Property         | Test Method | Value                     |
|------------------|-------------|---------------------------|
| Component        | -           | Single                    |
| Form             | -           | Liquid                    |
| Colour           | -           | Brown                     |
| Specific Gravity | ASTM C494   | 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 R can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica etc. Max Flo R 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 of performance by conducting lab and site trials. Optimum dosages of Max Flo R and effect on concrete properties such as workability, strength, setting time, etc. are best assessed after preliminary tests on site using the actual material of mixes under consideration.

## EFFECT OF OVERDOSING

Overdosing may result in higher workability and can delay in setting time.

## PACK SIZE

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

## DISPENSING

Max Flo R 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.



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