

**Max Flo SAL** is a rapid set accelerator in liquid form for cementitious mixes.

## STANDARDS

ASTM C1141-01, Grade 9, Class A

## USES

Max Flo SAL is used as an additive in mixes to enable rapid setting of sprayed concrete and gunite for tunnel lining, water bodies, dams, swimming pools, basement retaining walls, concrete repairs, etc.

## ADVANTAGES

- ✓ It is safe to mix with the water line at the spraying nozzle.
- ✓ Reduces the rebound loss and dust.
- ✓ High early strength, improved water tightness.
- ✓ Fast build-up of multiple layers especially in overhead work.
- ✓ Chloride free.
- ✓ It also provides a waterproofing effect.

## TYPICAL PROPERTIES AT 25°C

| Property         | Test Method  | Value                     |
|------------------|--------------|---------------------------|
| Component        | -            | Single                    |
| Form             | -            | Liquid                    |
| Colour           | -            | Brown to Clear            |
| Specific Gravity | ASTM C494    | 1.32 +/- 0.02             |
| Air Entrainment  | ASTM C231    | Up to 1% over Control Mix |
| Chloride Content | BS EN 480-10 | Nil to BS EN 934-2        |
| pH               | ASTM C494    | 9-11                      |

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

## COMPATIBILITY

Max Flo SAL can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica etc.

## DOSAGE

Recommended dosage is 3.0 – 10.0 % by weight of cementitious material. Optimum dosage of Max Flo SAL and effect of concrete properties such workability, strength, setting tie, etc. are best assessed after preliminary tests on site using the actual material of mixes under consideration.

## EFFECT OF OVERDOSING

Overdosing may result in very fast setting of cementitious mixes but will not affect other properties.

## PACK SIZE

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

## DISPENSING

Max Flo SAL should be introduced into the water line to the nozzle of the spraying equipment. It should not be pre-mixed with the cement. The reaction involved is temperature dependent and will proceed more slowly in cold ambient conditions. Fresh cement reacts more quickly than old cement.

## 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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