

Max Flo Air Intra is a liquid air entraining admixtures that is chloride-ion free and is based on specially formulated surfactants. It can be used in concrete and mortar mixes. This Admixture is also ideal in the creation of Light weight concrete of different densities.

USES

Max Flo Air Intra is used to improve the workability, cohesion and durability of concrete and mortar by entrainment of microscopic air bubble of controlled size and spacing, uniformly distributed throughout the mix, reducing surface scaling and concrete failures. It is used to produce concrete / mortars resistant to attack by frost and deicing salts, light weight foam concrete etc.

ADVANTAGES

- ✓ Protects against freezing and thawing
- ✓ Improves permeability
- ✓ Improves workability
- ✓ Improves durability
- ✓ Increases cohesion of mixes
- ✓ Volume yield of concrete and mortar increased
- ✓ Improve harsh mixes
- ✓ Highly effective for mixes containing dusty aggregates

TYPICAL PROPERTIES AT 25°C

Property	Test Method	Value
Component	-	Single
Form	-	Liquid
Colour	-	Brown
Specific Gravity	ASTM C494	1.02 +/- 0.02
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 Air Intra can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica etc.



DOSAGE

Recommended dosage is 0.03 –0.25 % by weight of cementitious material. Optimum dosages of Max Flo Air Intra 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 high air content which in turn will result in low strength.

PACK SIZE

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

DISPENSING

Max Flo Air Intra 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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