



Max Flo Integra 2 (Powder) is an integral repellent admixture based on a blend of long chain carboxylic acids and carefully selected organic derivatives, manufactured under controlled conditions to give a consistent product. It has a positive chemical action which creates a network of insoluble water resistant material within the pores of the cement matrix.

USES

Max Flo Integra 2 (Powder) is a permeability reducing admixture for use in all types of mortar and concrete mixes. It is particularly suitable for use in ready-mixed concrete and all types of structural concrete like pile foundation, water retaining structures, rafts, basement concrete elements, concrete exposed to seawater and rainwater, etc. It is also useful in precast concrete involving the use of wet concrete, semi-dry concrete, cast stone blocks, etc.

ADVANTAGES

- ✓ Effective barrier to moisture penetration
- ✓ Enhance durability of concrete
- ✓ Contains no calcium chloride
- ✓ Reduction in permeability without significant changes in strength
- ✓ Improved resistance to frost damage
- ✓ Maintains the clean appearance of concrete surface

TYPICAL PROPERTIES AT 25°C

Property	Test Method	Value
Component	-	Single
Form	-	Powder
Colour	-	Brown to Grey
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
Water Permeability	BSEN 12390-8	>75% reduction over control

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

COMPATIBILITY

Max Flo Integra 2 (Powder) can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica etc. It is compatible with most admixtures.



DOSAGE

Recommended dosage is 0.5 –1.0 % by weight of cementitious material. Higher dosage can be used after verification by conducting lab and site trials. Optimum dosages of Max Flo Integra 2 (Powder) 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 increases workability.

PACK SIZE

Available in 2KG and 20KG Packs.

DISPENSING

Max Flo Integra 2 (Powder) 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.