

Max Flo Integra 3 (Powder) is an integral waterproofing admixture which improves impermeability of concrete and concrete corrosion protection using unique nano technology to chemically modify the cement matrix by reacting with the cement paste to reduce pore and capillary size.

USES

Max Flo Integra 3 (Powder) is used for all types of waterproofing and concrete corrosion protection including basements, water tanks, roofs, reservoirs, dams, wastewater plants, swimming pools, water treatments plants, tunnel, pile foundation, retaining walls, etc.

ADVANTAGES

- ✓ Seals micro cracks and hairline cracks
- ✓ Concrete waterproofed from within
- ✓ Improve durability
- ✓ Protection against chloride and sulphate ingress
- ✓ Withstands hydrostatic pressure
- ✓ Improves chemical and carbonate resistance
- ✓ Fast track construction as tedious sheet membranes may not be required
- ✓ No installation cost, seams or joints
- ✓ Integra waterproofer
- ✓ Non-toxic
- ✓ Easily dispensable powder

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	9-11
Water Permeability	BSEN 12390-8	>90% reduction over control

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

COMPATIBILITY

Max Flo Integra 3 (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 1.0 –2.5 % by weight of cementitious material. Higher dosage can be used after verification by conducting lab and site trials. The performance of Max Flo Integra 3 (Powder) is best assessed after preliminary tests on site using the actual concrete under consideration to determine the optimum dosage and effect on properties such strength, setting time, etc.

EFFECT OF OVERDOSING

Overdosing may result in increases workability.

PACK SIZE

Available in 1KG and 20KG Packs.

DISPENSING

Max Flo Integra 3 (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.



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TECHNICAL DATASHEET MAX FLO INTEGRA 3 POWDER

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