



INTEGRAL WATERPROOFING ADMIXTURE FOR CONCRETE AND MORTAR



Max Flo Integra 1 (Powder) is an integral waterproofing admixture.

## USES

Max Flo Integra 1 (Powder) may be used to waterproof concrete structures such as reservoirs, funnels, culverts, water tanks, swimming pools and other area where waterproofed concrete or mortar is required.

## ADVANTAGES

- ✓ Reduces permeability
- ✓ Improves workability
- ✓ Improves durability
- ✓ Increases cohesion of mixes
- ✓ Chloride free non-toxic
- ✓ Non-toxic

## TYPICAL PROPERTIES AT 25°C

Property	Test Method	Value
Component	-	Single
Form	-	Powder
Colour	-	Grey to Dark Brown
Air Entrainment	ASTM C231	Up to 1% over Control Mix
Chloride Content	BSEN 480-10	Nil to BSEN 934-2
Water Permeability	BSEN 12390-8	>60% reduction over control

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

## COMPATIBILITY

Max Flo Integra 1 (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 0.3 –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 1 (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 slightly retarding effect. In such case, provided concrete is cured property, ultimate strength will be higher than that of normal concrete.

## PACK SIZE

Available in 2KG and 20 KG Packs.

## DISPENSING

Max Flo Integra 1 (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.