

PROXON LM ADMIX

PROXON LM ADMIX is a chloride-free admixture that improves water resistance, workability, and reduces water absorption in concrete by 60–80%.



What

PROXON LM ADMIX is a chloride-free liquid admixture that enhances water resistance and workability in concrete. It reduces water absorption by 60–80%, improves water retention, and enables a low water-cement ratio.

Why?

- Reduces gauging water
- Maintains concrete workability
- Provides integral protection
- Reduces concrete permeability
- Increases concrete strength
- Compatible with cements

Usage

Suitable for structural concrete exposed to water, including ready-mix, site-batched, and subsurface works. Ideal for basements, foundations, water tanks, swimming pools, tunnels, reservoirs & all applications requiring low permeability & high durability.

How to use?

- Dosage: 200ml/50kg cement
- Maintain WC ratio
- Reduce water content
- Add during mixing
- Don't mix dry
- Avoid over dosage

PROXON LM ADMIX

Application

Dosage & Mixing:

Use **PROXON LM ADMIX** at 200 ml per 50 kg of cement. Always conduct lab and site trials to meet performance specifications. Maintain a water-cement ratio between 0.4 to 0.5 for optimal results. The admixture reduces water content by approximately 15%, improving concrete density and strength. Add during the mixing cycle—either with gauging water or after water addition. Do not add to dry cement or mix with other admixtures directly. Dispense separately if used with other admixtures.

Application Tips:

Ensure proper placement, compaction, and curing of concrete using MixCURE WB/White. Waterproof concrete is best achieved with low WC ratio and proper site practices.

Overdosage Effects:

Higher dosages may increase workability, slightly increase air content, and delay

setting time. If curing is done properly, final strength is usually unaffected. Excessive air may reduce early compressive strength. Identify causes of overdose to avoid recurrence.

Packing

5 and 20 L unit.

Shelf life

Can be stored in cool, dry, shaded areas. Shelf life is 12 months. Avoid direct sunlight, high humidity, and extreme temperatures to prevent reduced shelf life.

Safety Measures

PROXON LM ADMIX is non-toxic but requires safety precautions. Use gloves, goggles, and protective gear. In case of contact with skin or eyes, rinse with water. If swallowed, seek medical help. Refer MSDS for details.

Physical Properties

Standard conforms	ASTM C494 Type A & D
Appearance	Dark brown liquid
Specific gravity	1.09 at 25 °C
Air entrainment	1% to 3% according to sand grading and WC ratio
Chloride content	Nil, tested to BS 5075
Freezing point	0 °C Mix prior to use
Flash point	None

Integral Liquid waterproofing admixture for mortars & concrete

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