



# LEAKPROOF 360



LEAKPROOF 360 is a styrene acrylic polymer admixture for cementitious waterproofing. It can also be used as a bonding agent for new to old cementitious substrates & as an additive for repair mortars. It is used for repairing and waterproofing of wet areas, terrace, balcony, bathroom, chajjas, slabs, floors, etc. standard compliance BS 6319-II

## RECOMMENDED APPLICATION SUBSTRATE

Below sloping screed or waterproof plaster on:

- Roofs
- Terraces
- Pools
- Fountains
- Balconies as a sandwich layer
- Reservoirs and channels
- End walls subjected to rain
- Concrete repair, Priming

## BENEFITS & KEY FEATURES

- TOUGH IMPERMEABLE**
- WATERPROOF MEMBRANE**
- SUPERIOR ADHESION**
- BREATHABLE PROPERTIES**
- CHLORIDE FREE**
- UV RESISTANT**

## TECHNICAL SPECIFICATION

Appearance & Form	Milky White Liquid
Solid Content	35 ± 2
Toxicity	Non Toxic
Bond Strength To Concrete	Approx 1 N/mm <sup>2</sup>
Density	1.05 ± 0.02 kg/ltr

PACKAGING	COVERAGE
500 MI, 1 Ltr, 5 Ltr, 20 Ltr, 50Ltr, 200 Ltr, Containers	<ul style="list-style-type: none"> <li>• As waterproof slurry 20–25 sq. ft. / kg in 2 coats</li> <li>• As bonding agent 45 – 50 sq. ft. / kg in 1 coat</li> <li>• As mortar modifier 2–5 ltr per 50 kg OPC cement</li> <li>• As Slurry primer—approximately 4 m<sup>2</sup>/ kg depending on substrate porosity.</li> </ul>
	<b>SHELF LIFE</b> 12 months (from date of packing Should be stored in cool & dry condition, keep away from direct sunlight.

Additional information: The surface preparation object is to achieve a clean sound surface with an excellent mechanical key. All substrates should be cleaned and free of dust, plaster, oil, paint, grease, corrosion deposits, and other harmful substances. Laitance should be removed by mechanical means. Smooth substrates must be mechanically roughened, e.g., by scrubbing, needle gun, or grit blasting to provide an adequate key. Corroded reinforcing steel should be exposed around its whole circumference and cleaned to remove all loose scale and corrosion deposits. It is always preferable to clean the steel to a bright condition. Use of emery cloth, grit, or sandblasting is recommended.

## DIRECTION FOR USE

### SURFACE PREPARATION



The object of the surface preparation is to achieve a clean sound surface with an excellent mechanical key. All substrates should be cleaned and free of dust, plaster, oil, paint, grease, corrosion deposits, and other harmful substances. Laitance should be removed by mechanical means.

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### MIXING



A forced action mixer is essential (PAN Mixer) & recommended to ensure that LEAK PROOF 360 mortar is thoroughly mixed. Use a suitable-sized drum with a heavy-duty electrical drill machine fitted with a spiral paddle mixer at a slow speed of 400–500 rpm.

## WATERPROOFING

- Priming is to be done before the application.
- 1 LEAK PROOF 360: 2 water: 3 cement
- For Topcoat Mix, LEAK PROOF 360 and cement in the proportion 1:1 (do not add water). Apply with a brush at the coverage of 40 to 50 sq. ft. per kg. The second coat shall be applied after the first coat has reached a dry state. The second coat will be in the opposite direction from the first coat at 90°. Minimum 2 coats required for general purpose.

## CONCRETE REPAIR

- Mix LEAK PROOF 360 in proportion as follows mix design.
- Cement 50 kg, Sand zone 2 = 150 kg, LEAK PROOF 360= 8–10 litre, Add Water as requirements
- Mortar consistency 5 to 25 mm thickness.

## BOND COAT

Ratio as follow: For bonding, primer mix the LEAKPROOF 360 with cement in the proportion of 1:1 (LEAKPROOF 360: cement). Ensure to overlay the repair mortar when the bond coat is still tacky.

## FLOOR SCREED

- Suitable mix ratio for screed & render as follows.
- Mix design – Portland cement 50 kg, Graded & washed sand – 75 kg, coarse aggregates 6mm downsize – 75 kg, LEAK PROOF 360= 4–5 litres, add Water as requirements
- 10–40 mm thickness consistency.

## RENDERS (PLASTERS)

Mix LEAK PROOF 360 in a proportion of 50 kg cement, sand – 150kg, LEAK PROOF 360 – 4–5 litres, water as required.

For best results, do not dilute beyond the recommended proportion.