

PROXON INSTANT PLUG

PROXON INSTANT PLUG is a pre-mixed, chloride-free, fast-setting cementitious mortar. Mixed with clean water, it quickly stops leaks in concrete, rock, and masonry.



What

PROXON INSTANT PLUG is a pre-mixed, chloride-free cementitious mortar in powder form. When combined with clean water, it creates a fast-setting hydraulic mortar, effectively plugging water leaks in concrete, rock, and masonry structures.

Why?

- Superfast leak stop
- Chloride free
- Non-toxic formula
- Low heat
- Crack resistant
- Instant strength

Usage

Ideal for repairing concrete leaks, sealing tunnels, sewage systems, and access chambers, plugging pipeline joints, and stopping water infiltration in basements and foundations, ensuring durable protection in critical structures.

How to use?

- Identify leak cause
- Cut V-shape
- Clean surface
- Mix small quantity
- Apply and hold
- Keep surface damp

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Application

Identify the full extent and cause of leaks to prevent future issues. Cut the leaking point in a “V” shape and clean thoroughly with water to remove chippings and loose particles. Mix PROXON INSTANT PLUG with clean water to achieve a pasty consistency, preparing only small quantities due to its rapid setting. Apply the mixture into the V-cut, working from the outside toward the center to block leaks. Hold firmly by hand for 2–3 minutes until set. Trim excess material flush with the surface and keep damp. Hardening time is 180–240 seconds at +25°C.

NOTE: Ensure the surface is clean, roughened & free of debris. Mix only what can be applied within 2 minutes; avoid overmixing. Press material firmly until it sets. Use cold water in hot conditions and warm water in cold conditions to regulate setting. Wear gloves, as rapid setting generates heat.

Cleaning: Tools and equipment should be washed with water immediately after use.

Standard Compliance:
Complies with standards ASTM D 2471, IS 4031 (Part 6): 1988

Packing

5 & 15 Kg.

Storage

Store in a cool, dry, shaded place. Protect from sunlight, humidity & extreme temperatures. 12 months from the date of manufacturing

Health & Safety

Contains no hazardous substances but requires caution. Wear gloves, goggles, and protective clothing. Store properly. Rinse splashes with water. If swallowed, seek medical help; do not induce vomiting.

Physical Properties

Type	Immediate water stop cement
Mixing ratio	1 Part (Water): 3 Part (PROXON INSTANT PLUG)
Appearance	Grey powder
Initial set time (ASTM D 2471)	2 minutes
Water permeability	Nil
Compressive strength (IS 4031 (Part 6): 1988)	2 hours – 5–8 MPa 28 days – 35 MPa

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