

PROXON QUICKSET PLUG

PROXON QUICKSET PLUG is a single-component, quick-setting mortar made of hydraulic cement, graded sand, and additives—just add clean water.



What

PROXON QUICKSET PLUG is a single-component, quick-setting sealing mortar composed of hydraulic cement, graded sand, and special additives. Only clean water is needed on-site to create a ready-to-use, fast-acting sealing mortar.

Why?

- Bonds all surfaces
- Safe potable water
- Resists both pressures
- Durable long-lasting seal
- Expands, seals permanently
- No injection needed

Usage

PROXON QUICKSET PLUG is ideal for sealing active water leaks through cracks, joints, and holes in concrete or masonry. It's used in reservoirs, tunnels, sewage systems, and for quick anchoring of bolts, pipes, and fixtures.

How to use?

- Clean, square cut
- Undercut and flush
- Mix with water
- Plug and press
- Trim and finish
- Dampen for curing

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Application

Surface Preparation:

Ensure surfaces are clean, free from oil, grease, dust, and loose materials. Cut cracks or holes to a minimum of 20mm wide and deep with square sides; undercut where possible. Flush with clean water and dampen the area before application.

Application Areas:

- For active leaks: Cut to a minimum of 20mm and plug with hand-mixed **PROXON QUICKSET PLUG**. Hold in place for 60 seconds.
- Wall/floor joints: Cut and fill with mortar to form a cove.
- Cracks in masonry or concrete: Cut and press mortar into joints.
- Holes, patches, and honeycombs: Remove obstructions and fill to 25mm depth.
- Anchoring bolts/posts: Drill hole with 10mm clearance around, fill with mortar, and insert bolt or post firmly.

Mixing:

Mix **PROXON QUICKSET PLUG** by hand with clean water (approx. 0.26 L per 1 kg) to a stiff consistency. Use within 1–2 minutes.

Cleaning:

Once stiffened, dampen with water and keep moist for at least 15 minutes.

Coverage

1 kg of **PROXON QUICKSET PLUG** fills approx. 585 cm³ or a 20x20x1450 mm joint. Coverage: ~1.7 kg/dm³. Clean tools immediately with water; hardened material cannot be removed by water.

Packing

1kg & 5kg bags.

Shelf life

Can be stored in a cool, dry, shaded area. Shelf life is 12 months if protected from sunlight, humidity, UV exposure, and extreme temperatures.

Safety Measures

PROXON QUICKSET PLUG is non-hazardous but handle with care. Wear gloves, goggles, and protective clothing. Avoid contact with eyes/skin. In case of ingestion, seek medical help. Refer MSDS for full safety guidelines.

Physical Properties

Standard conforms	BS 1881 Part 5 1983 (ISAT); 476 Part 6) DIN 1048: Part 5: 1991/BS EN 12390-8:2000 (water permeability test)
Colour	Grey
Tensile strength	3.3N/mm @28 days

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Compressive strength	13.8N/mm in 30 minutes
Flexural strength	2.7 N/mm ² @30 minutes 6.1 N/mm @24 hours 6.3 N/mm@7 days 7.0 N/mm ² @28 days
Maximum particle size	0.8mm
Wet density	2.14kg/dm ³
Chemical resistance	Strong resistance against gasoline, diesel, sodium hydroxide, CaCl ₂ , deicing salts, etc.

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