

POWER RAPID PLUG

Crystalline plugging Cement



PRODUCT DESCRIPTION

PowerRAPID PLUG Power Rapid Rapid Plug is an fast setting hydraulic mortar, which offers immediate and long-term protection against water leakage. It hardens within seconds and increases slightly in volume while setting. Power Rapid Plug is available in powder form.

APPLICATION AREA

- Concrete Walls and floors
- Concrete junction
- General masonry
- Inserts in masonry and concrete (eg.: pipes, sleeves and other metal fixtures)
- Architectural or structural concrete and masonry (eg.: mines, sewers, tanks, tunnels, reservoirs, pits, etc.)

APPLICATION

Surface Preparation

Spot of area to be plugged must be free from dirt, cuttings, loose concrete or any foreign matter. Use wire brush or any suitable tool. If the crack or hole is less than 19mm in width and depth, chisel to this measurement with opening at surface to be narrower than the bottom for best results. If hole or crack is not leaking at time of repair, soak area before plugging with Power Rapid PLUG.

MIXING

Mix Powder Power Rapid PLUG with clean tap water. Do not use saline water. Mix 3.5 parts of Power Rapid PLUG with 1 part of water to form a plastic mass approximately the same shape as the hole or crack to be plugged. Hardening takes place 1 minute after addition of water; therefore it must be mixed and applied quickly.

APPLICATION

Push and force a mass of Mixed Power Rapid PLUG firmly with your palm, a trowel or a block of wood into the opening or hole and hold for 2-3 minutes. To seal wall floor joints, press Power Rapid PLUG with a round tool and smoothen out. NOTE: Power Rapid PLUG is hard and resistant to water pressure 2-3 minutes after application. Power Rapid PLUG becomes hard and more resistant when subjected to constant water pressure. Shave surface with knife or trowel and keep damp for at least 15 minutes.

Compressive Strength	MPa
At 24 hours	14.3
At 7 days	21.3
At 28 days	31.0
Setting Time	Time
Initial set	1-2 min
Final Set	2-5 min

PACKING 4kg

TYPICAL & USES

Power Rapid Plug is ideally suited for:-

- Instantly stops flowing/running water.
- Runway joints as well as cracks repairing.
- Plugs holes, cracks, faults causing leakages and seepages.
- Seals to prevent seepages around inserts in masonry and concrete.

STORAGE & SHELF LIFE

The pails and packets must be stored in a covered, dry and shaded area, away from direct sunlight, UV and other sources of heat and protected from extreme temperatures. The shelf life of the product is up to 12 months if stored as per the recommendations.

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