



QP1 QUICK PLUG

2-MINUTE QUICK SETTING CEMENT-BASED WATER-STOPPING MORTAR

USES

1. Stops leaks from toilet ceilings, underground tunnels, basements, concrete tanks and pools, concrete pipes and waste water sum.
2. Emergency repair of concrete runways and walkways, pre-cast buildings; cocking of machinery base's securing bolts.

FEATURES

1. 2- to 5-minute quick setting cement for plugging flowing water under pressure
2. Will achieve high early strength. Waterproof and withstands cracking.
3. Compressive strength is higher than that of Portland cement
4. High abrasion resistance

APPLICATION METHOD

A. To stop flowing water:

Chisel and prepare the holes or cracks for plugging. Ideal hole size is 10mm and above.

1. Bigger holes need to be filled with stone and plugged a few times with a hose to drain the water pressure.
2. Start by plugging smaller leaks at higher points before plugging the bigger leaks at lower points .
3. Prepare QP1 by adding 24% Water by weight, or pre-dilute **W1 CEMENT STRENGTHENER + Water = 1 + 1**.
4. Mix it quickly with a putty knife for 1 minute into a paste, and wait for it to warm up, shaping it and quickly pressing it into the holes to stop leak.
5. Use rubber gloves to hold for 1 minute till it sets in place. At this stage, do not press too hard as to cause QP 1 to crack.
6. To prevent seepage, apply a thin coat of 2-mm cement plaster with **W1 CEMENT STRENGTHENER** or **W2 FLEXI GUARD** added.
7. For porthole repair, it will set in 1 hour for vehicular traffic.

B. Fast Setting of Cement:

Mix **QP1 + Portland Cement = 10 to 30% + 100%** to accelerate the setting time of cement by 20 to 30 minutes.

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TECHNICAL DATA

Colour: Grey colour powder
Curing Time: 2 to 5 minutes + / -
pH: 9.5 Alkaline Caustic
Shelf Life: 2 years when stored in a dry place
Development of Strength:

Time	6 hours	1 day	3 days
Flexural Strength N/mm ²	3 to 7	5 to 8	8 to 11
Compressive Strength N/mm ²	20 to 60	50 to 90	60 to 100

STORAGE

Use the quantity as needed and immediately re-seal to prevent from hardening.

CAUTION

- Will cause skin sensitivity. Use rubber gloves to protect hands under long-term usage.
- Wash with large amounts of water when QP1 QUICK PLUG comes in contact with the skin or eyes.



PACKING

1-kg tin, 2-kg re-sealable bag, 5-kg tin, 20-kg pail

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