



Eco-friendly
Non-toxic
Low VOC



Ultra Fast Setting



Non-Corrosive
Seawater Resistant



Prevents Excessive Leakage

AREA OF USE

- Suitable for repairing spalling concrete, fixing hooks and wall plugs, anchoring railings, filling holes and cracks, sealing pipes, drains and water leakages

➤ Packaging

15Kg Can

➤ Estimated Coverage

1.7kg of powder produces about 1L of mortar

MVX RapiPlug is a ready-to-use ultra-fast setting hydraulic mortars that offers instant and long-lasting defence against water seepage. Its special formulated high strength property enables controlled expansion, fast repair and any urgent installation.

MVX RapiPlug is free of chloride and soda, thus it does not corrode embedded metals and has excellent resistance to seawater ensuring an airtight sealing.

TECHNICAL DATA

MVX RapiPlug	Setting Time
1 min	30 secs to 70 secs
3 mins	2 mins to 4 mins

Compressive Strength ASTM C 109 / C 109M: 2011B	1 min	3 mins
15 min	9.5	3.7
1 day	25	15.6
28 days	46.7	25.7

Setting Time BS EN 196-3:2005+A1:2008	Duration	Duration
Initial Set	1 min	2 mins
Final Set	2 mins	5 mins

➤ Preparation

Ensure the surface is free of any laitance, dirt, oil, wax or debris which may prevent the MVX RapiPlug from properly adhering to the surface.

➤ Mixing

Water usage:
MVX RapiPlug, 1 min = 0.325 to 1Kg
MVX RapiPlug, 3 mins = 0.325 to 1Kg

Fill potable water into a clean mixing pail and add the dry MVX RapiPlug gradually while mixing using a trowel until a slump-free consistency is attained. Mix no more than 30 seconds. When properly mixed, MVX RapiPlug can be hand-formed into a ball. Do not remix with additional water.

➤ Application

Wet the substrates to be repaired lightly with potable water immediately before applying MVX RapiPlug.

Patching Active Leaks

Force MVX RapiPlug into the prepared area till it's filled to its full depth starting from the top of the crack or hole. Exert pressure to the new patch until MVX RapiPlug has attained a firm set.

Repeat the above steps towards the area of the greatest pressure using fresh material.

Filleting Floor-Wall

Follow the above steps using a rounded tool to force MVX RapiPlug into the joint and construct a 45° transitional cove between the floor the wall simultaneously.

Sealing Expansion & Construction Joints

Seal running water leaks using MVX RapiPlug but do not fill cracks completely to the surface. Allow 10mm to 15mm depth and finish the remainder with a flexible joint sealant.

Anchoring Railings

Fill potable water into a clean mixing pail and add the dry MVX RapiPlug gradually while mixing using a trowel until a slump-free consistency is attained. Apply immediately.

General Patching

Chisel out the concrete or masonry surrounding the crack or hole to a minimum depth and width of 20mm.

Undercut the crack or hole in the shape of an inverted **V**. This creates a mechanical bond during the initial set and final cure periods.

Clean the prepared surface using a brush and industrial grade detergent to remove any dirt, oil, wax, or debris in the surface which may prevent the MVX RapiPlug from properly adhering to it.

Wet the substrates to be repaired thoroughly with potable water immediately before applying MVX RapiPlug.

Force MVX RapiPlug into the prepared area till it's filled to its full depth starting from the top of the crack or hole.

➤ Shelf Life & Storage

6 months in unopened condition. Store in a cool-dry covered place and avoid direct exposure to sunlight.

➤ Cleaning

All tools and equipment must be cleaned immediately with clean water after use. Hardened material can only be removed by mechanical means.

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Disclaimer. The information and recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials, substrates and actual size conditions are such that no warranty in respect of merchantability or fitness for particular purpose, nor any liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in the brochure may change at any time without notice.