

# Rapidseal 5M Quick Leak Stopper

## Product Description

Rapidseal 5M Quick Leak Stopper is a fast-setting waterproofing and plugging material composed of special cement and various additives. It exhibits fast-setting performance, high strength, good water resistance, and excellent adhesion to substrates. It is suitable for repairing cracks, grooves, and holes, as well as for moisture-proofing, waterproofing, and sealing projects. Additionally, it can be used for chemical grouting crack sealing and grout nozzle fixation.

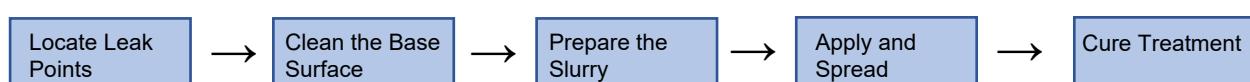
## Product Features

- Underwater Sealing Capability.
- Strong Bonding Strength.
- High-strength and impermeable.
- Rapid Setting.

## Product Specifications

Product Model	Rapidseal 5M
Product Specifications	2kg/bag 10 bags/ctn
Product Color	Grey
Executive Standard	GB23440-2009

## Application Procedures



## Scope of Application

- Suitable for moisture-proofing, waterproofing, and plugging of concrete buildings, structures, civil defense projects, subway tunnels, basements, kitchens, bathrooms, balconies, etc.
- Suitable for waterproofing and plugging repair projects of water and electricity wire troughs, leaking holes, wall holes, cracks, etc., on both positive and negative surfaces.
- Suitable for rapid repair and reinforcement of concrete defects.
- Suitable for auxiliary projects such as chemical grouting crack sealing and rapid fixation of grout nozzles.

## Recommend Usage

Ingredients: Mix 5M and water at a ratio of 1:0.25 ~ 0.3 (by weight), and blend into a uniform paste

## Executive Standard

Executive standard: GB23440-2009

Items		Index
Setting Time	Initial Setting/min	≤5
	Final Setting/min	≤10
Compressive Strength /Mpa	1h	≥4.5
	3d	≥15.0
Flexural Strength /Mpa	1h	≥1.5
	3d	≥4.0
Impermeability Pressure of Specimen, Mpa (7d)		≥1.5
Bond Strength, Mpa (7d)		≥0.6
Heat Resistance (100°C, 5h)		No cracking, peeling or detachment
Freeze-thaw Cycle (20 times)		No cracking, peeling or detachment

## Precautions

- Construction areas should be solid; areas that are sandy or loose should be removed, and pipelines should be securely fixed.
- Construction temperature: 5°C to 35°C. The setting time may vary slightly depending on the ambient temperature and the amount of water added.
- When preparing the ingredients, 5M: water = 1:0.25 ~ 0.3 (by weight), mix into a uniform slurry.
- The setting time is relatively short, so each batch of ingredients should not be too much and should be used as prepared to avoid solidification and waste.
- After opening, materials that have been mixed without adding water should be resealed for storage. If they become damp and clump together, the product should not be used.

## Storage and Transportation

- The product is non-flammable and non-explosive. During transportation, it should be protected from rain, moisture, and exposure to sunlight. The product is susceptible to moisture damage and should be stored sealed in a dry, cool, and ventilated place at temperatures between 5°C and 25°C.
- Under normal storage and transportation conditions, the shelf life of the product is 12 months.

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