

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.

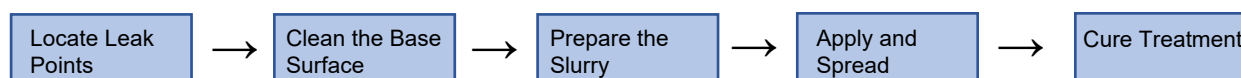
Product Features

- 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.