

## Multi-function leak stopper

# YHRepair-FastPlug

### Description

YHRepair-FastPlug is a powdery waterproof leak stopper made of special cement and additives by special technology. It is suitable for waterproofing and leakage stoppage on the leakage substrate, especially for the key waterproofing at internal corners of walls and floors and pipe roots before applying waterproof materials in kitchens and bathrooms. It can also be used for rapid repair and installation.

### Features & Benefits

- Rapid hardening and high early strength
- High bonding strength
- Excellent leakage stoppage effect and impermeability
- No cracking
- No corrosion to reinforcement
- Non-toxic after hardening

### Uses

- It is suitable for moisture-proof, anti-seepage, and leakage stoppage for various underground buildings or structures, cable trenches, pools, kitchens, toilets, civil air defense caverns, subways, tunnels, and other works.
- It is suitable for crack repair and waterproof construction in various leakage areas, including arc troweling treatment of internal corners and pipe roots.
- It is suitable for emergency repair of underground pipe gallery, tap water pipeline, dam and equipment foundation.



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### Packing and Specifications

Item	Description
Packaging	2kg*10 bag/carton
Appearance and color	Dark gray powder
Shelf life	12 months from the date of manufacture
Storage condition	During transportation, protect from rain and package damage. Unopened products shall be stored in a ventilated, dry and cool place at 5-35° C, strictly protected from moisture and prohibited from contacting with water. Under normal transportation and storage conditions, the product has a shelf life of 12 months.

### Typical Properties and Characteristic

Description	Test Methods	Values
Reaction to fire	EN 13501-1	Fire rating, Classified A1-YH Repair-FastPlug will not contribute in any state of the fire including fully developed fire.

### Application Information

Mixing ratio	YHRepair-FastPlug : Water=1:0.30-0.60 (weight ratio)
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### Application Instructions

#### Substrate Treatment

Before construction, it shall be ensured that the substrate is solid and free of dust, sundries, oil stains and other loose objects. The substrate shall be fully wetted but free of visible water.

#### Slurry Preparation

Pour an appropriate amount of clean water into a clean container, add powder (according to the water-cement ratio), and stir quickly until a uniform slurry without lumps is formed. The amount of water added can be adjusted according to the feeling of the construction personnel, as well as the ambient temperature and humidity.

#### Application

Strengthening Treatment of Waterproof Joints.

The slurry shall be evenly applied to the internal corners and pipe roots of walls and floors with a trowel, so as to ensure complete filling and compaction. The surface shall be flat and circular (about 10mm in diameter, without affecting tiling). After the material is completely set, the waterproofing product can be applied.

Leakage stoppage and repair.

Chisel the concrete or masonry around the leak or crack at least 20mm wide and deep, and chisel the leak or crack into an inverted "V" shape to ensure that it will form a good structural bonding after final setting and curing. Wash or blow clean all loose particles, dust and sundries on the prepared substrate, and thoroughly wet the substrate. Plug the YHRepair-FastPlug into the crack or hole and make sure that the crack or hole is filled.

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### Tool Cleaning

All tools and application equipment shall be cleaned with water immediately after use. Hardened or cured material can only be removed mechanically.

### Precautions

1. Mixing shall be done in small quantities for several times, and it is recommended to complete the construction within 3 minutes after mixing. After initial setting, no more water can be added for use;
2. The setting time will fluctuate with the change of construction environment temperature and water amount;
3. The product is hygroscopic. Please tightly seal and store the unused powder;
4. Be careful to avoid scalding as a lot of heat will be generated during condensation;
5. This product is highly alkaline, so please wear rubber gloves during construction;
6. It is normal for the material to take longer to solidify when affected by low temperatures in winter. Heating measures can be taken appropriately when rapid repair is required.

### Basis of Product Data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

### Ecology, Health and Safety

Users shall refer to the latest Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data for information and advice on safe handling, storage and disposal of chemicals.

### Local Restrictions

The performance of this product may vary from country to country due to specific local regulations. For an exact description of the field of application, please refer to your local Product Data Sheet.

### Legal Notes

This information, especially the recommendations related to the application and final use of Oriental Yuhong's products, is provided based on Oriental Yuhong's current knowledge and experience of the products when stored, handled, and applied properly in accordance with Oriental Yuhong's recommendations under normal conditions. In practice, the differences in materials, substrates, and actual site conditions make it impossible to infer any guarantee of merchantability or suitability for a specific application from this information, any written suggestions, or any other advice provided, nor can any liability arise from any legal relationship. The user of the product must test the product's suitability for the intended application and purpose. Oriental Yuhong reserves the right to change the characteristics of its products. Ownership of third parties must be observed. All orders are subject to our current Terms of Sale and Delivery. Users must always refer to the latest issue of local Product Data Sheet for the products concerned, copies of which will be provided upon request. The above disclaimer may need to be tailored to specific local laws and regulations.