




## Polymer-Modified Repair Mortar

 Appearance:  
Powder

Polymer-Modified Repair Mortar is a cement-based repair material formulated with polymer modifiers and selected aggregates. It provides high bonding strength, improved durability, and excellent crack resistance.

The product is suitable for structural repair and strengthening applications, ensuring reliable performance for damaged concrete restoration.

### Benefits

- Provides strong adhesion to existing concrete
- Improves durability of repaired areas
- Supports fast repair and reopening
- Enhances long-term structural stability

### Dosage

Check mortar for uniformity & no lumps before construction; mix at specified water content to proper consistency.

Clean construction surface, moisten base without standing water; mechanical mix  $\geq 120s$  (add liquid first, then powder).

Layer thickness: 6–50mm; ceiling: 6–30mm. Temp: 5–35°C; use within 40min.

No construction in direct sun, strong wind or rain; temp 5–35°C.

Or contact the technical support at [info@yschempro.com](mailto:info@yschempro.com).

### Specifications

Item	Grade I	Grade II
Initial Setting Time	$\geq 45$	$\geq 45$
Final Setting Time	$\leq 24$	$\leq 24$
Flexural Strength 7d	$\geq 8.0$	$\geq 7.0$
Flexural Strength 28d	$\geq 12$	$\geq 10$
Compressive Strength 7d	$\geq 40$	$\geq 30$
Compressive Strength 28d	$\geq 75$	$\geq 45$
Bond Strength 14d	$\geq 1.2$	$\geq 1.0$
Tensile Strength 28d	$\geq 2.5$	$\geq 2.0$
Shrinkage 28d	$\leq 0.10$	$\leq 0.10$

### Packaging

Net weight: 25kg/bag or according to customer requirements.

### Storage and Shelf Life

Protect from moisture, acids, and alkalis. Shelf life is 90 days.

This product is non-toxic and non-flammable. Pay attention to dust pollution and protection.

Represented information is based on our current experience. In case of various factors affecting the result, information does not mean legal responsibility. For additional information, please contact us.



### CONTACT US

Send email to [info@yschempro.com](mailto:info@yschempro.com)  
or Scan QR Code for more products  
Web: [www.yschempro.com](http://www.yschempro.com)