



# YJ-302 Concrete Interface Treatment Agent – Water-Based Two-Component Primer

Improves bond strength, seals and dust-proofs concrete substrates

## Product Description

YJ-302 is a water-based, two-component polymer emulsion primer designed for concrete and mortar substrates. It improves the adhesion between old and new concrete, seals surfaces, prevents chalking, and enhances waterproofing. Suitable for use on concrete, mortar, steel, wood, and stone. Easy to apply by brush, roller, or spray.

## Key Features & Benefits

- Enhances adhesion between old and new concrete layers.
- Seals and dust-proofs substrates, preventing surface chalking.
- Water-based, environmentally friendly and safe to use.
- Easy application by brush, roller, or spray.

## Product Parameters (JC/T 907-2018)

Property	A Component	B Component
Density (g/cm <sup>3</sup> )	1.0–1.2	0.95–1.15
Solid content (%)	53 ± 2	28 ± 2
Pot life (min)	10	
Tensile bond strength (MPa)	≥ 1.2	
Shear bond strength (MPa)	≥ 2.5	
Effective working time	Summer: 2 h; Winter: 3 h	

## Product Usage

- Mix A and B components in the specified ratio, stir well before use.
- Clean the substrate surface; remove dust, oil, and loose particles.
- Apply with brush, roller, or spray in a thin, uniform layer.
- Minimum application temperature ≥ 5 °C.
- Use mixed material within effective working time (2–3 h).

## Packaging & Storage

- Supplied in 20 kg plastic drums.
- Shelf life: 12 months in sealed condition.
- Store in a cool, dry, ventilated place. Protect from frost and direct sunlight.

## Notes

- Prepare only the amount needed; do not store mixed material for long periods.
- Ensure trial application on site to confirm compatibility with project requirements.
- Keep containers tightly sealed when not in use.