

## Wet Surface Primer

# YP - 315α

A LOW-VISCOSITY, QUICK-DRYING SOLVENT-BASED EPOXY RESIN PRIMER THAT PROVIDES STRONG ADHESION TO BOTH DRY AND WET SUBSTRATES



### Features

- Strongly adheres to wet concrete surfaces
- Low viscosity and excellent workability
- Applicable with brushes, roller and spray.
- Dries quickly and has good recoat ability, allowing to move on to the next process quickly
- Excellent water resistance and durability

### Application

- Primer for damp concrete and mortar surfaces
- Moist concrete junker, primer for repairing defective parts.
- Primer for repair material used in cross section repair

### Properties

Item	Main Agent	Hardener	Test Method
Main ingredient	Epoxy resin	Modified polyamide amine	-
Appearance	Colorless transparent liquid	Light brown transparent liquid	-
Mixing ratio	Main agent: hardener = 100 : 50 (weight ratio)		-
Viscosity	100 mPa·s	30 mPa·s	JIS K 6833
Specific Gravity	1.10 (hardened material)		JIS K 7112
Pot life	8 hours or more (20°C, 1 kg)		JIS K 5600
Dry-to-touch time	60 minutes (20°C)		JIS K 5600
Non-volatile content	50%	25%	JIS K 5601

### Physical Properties

Item	Strength	Test Method
Adhesion	Classification 0	JIS K 5600
Impact Resistance	No abnormality (1"/2) 500/500	JIS K 5600
Bending Resistance	No abnormality 10m/m	JIS K 5600
Adhesion Strength	Dry surface 2.3 MPa	JIS A 6909
	Wet surface 2.0 MPa	
Adhesive strength	Dry surface 6.5 MPa	JIS A 6024
	Wet surface 6.1 MPa	

\*For bending adhesive strength, YP - 315α was applied to the adhesive surface of the mortar, dried to the touch, and then bonded with epoxy resin

### Packing

Set	Main Agent	Hardener	Mixing Ratio
9 Kg	6 Kg	3 Kg	Main Agent : Hardener 2 : 1

Main Agent

Hardener



\*Shape after mixing: Liquid

## Instructions

- Remove fragile parts, latency, rust, dust, dirt, floating water and oil on the surface
- Weigh out the specified mixing ratio (100:50) of the main ingredient and hardener. Mix and stir well until uniform
- Use the mixed product within the pot life
- Apply with a brush, roller, spray, airless, etc.  
Standard usage:  
Concrete mortar surface 0.15 – 0.2 kg/m<sup>2</sup>  
Metal surface 0.1 kg/m<sup>2</sup>
- After it is dry-to-touch, proceed to the next process

## Handling Precautions

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1. During construction and drying, avoid using open flames or sources of heat. Ensure proper ventilation and use explosion-proof lighting and tools to prevent explosion.
2. When using in enclosed area, use local exhaust ventilation and organic gas masks to prevent organic gas poisoning.
3. Avoid direct skin contact. If contact occurs, wash the effected area thoroughly with soap and water immediately.
4. If the product gets into your eyes, rinse thoroughly with water and seek medical attention promptly.
5. Read the Safety data (SDS) before use for detailed safety and handling instructions.

### Waste

1. When disposing of used paints container and paints, such as waste cloth and residual paint, dispose of them as industrial waste in accordance with relevant laws and regulations.
2. Ask a professional industrial waste company to dispose of the contents and containers with permission of the prefectural governor.

### Storage

1. Lock and store in a well-ventilated place
2. Keep out of reach of children.

### Plant Base Co., Ltd.

53-2 Sanrizuka, Narita City, Chiba Japan,  
286-0111  
Tel: +81476 35 3160 Fax: +81476 35 3170  
<http://plant-base.com/>



### Yabuhara Sangyo Co., Ltd.

546 Angyokitaya, Kawaguchi City, Saitama  
Japan, 334-0054  
Tel: +8148 297 4111 Fax: +8148 – 290 – 1198  
<https://www.yabuhara-ind.co.jp>

