

## Wet Surface Primer

# YP - 315α

A LOW-VISCOSITY, QUICK DRYING SOLVENT TYPE EPOXY RESIN PRIMER THAT ADHERES STRONGLY



YP-315α can be used both in dry and wet base. It is tested and conforms to Japan Industrial Standard (JIS).

### Advantages

- Strong adheres to wet concrete surfaces
- Low viscosity and excellent workability
- Applicable with brushes, roller and spray.
- It dries quickly and has good recoatability
- Excellent water resistance and durability
- Tested and conform to Japan Industrial Standard (JIS)

### Use

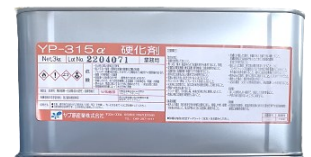
- Primer for damp concrete and mortar surfaces
- Moist concrete junker, primer for repairing defective parts.
- Primer for repair material for cross section repair

### 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

### 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 (hardener)		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

#### 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>



## Instructions

- Remove fragile parts, latency, rust, dust, dirt, floating water and oil on the surface
- Weigh in the specified mixing ratio (100:50) of the main ingredient and hardener. Mix and stir well until uniform
- Use the mixed agitated 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

## General Handling Precautions

### Formulation

1. As general rule, open the can just before using it, and try it to use the opened one on the same day.
2. When mixing, be sure to observe the ratio of Main Agent and Hardener and mix by weighing. Paint immediately after mixing.
3. Mixing with paints of other varieties and product name is strictly prohibited

### Safety

1. Fire is strictly prohibited during construction and drying, and ventilation should be sufficient.
2. Use explosion-proof electrical, lighting and tools to prevent explosion.
3. When using in a sealed state, use a gas mask for organic gas together with a local exhaust device to prevent poisoning.
4. Do not touch the skin directly. If it comes in direct contact with your skin, wash it off with soap immediately.
5. Wear protective gloves/protective goggles/protective mask.
6. Keep container tightly closed.
7. Avoid release to the environment.
8. Do not eat, drink or smoke when using this product.
9. After handling, wash your hands and gargle thoroughly.
10. Do not use other than the original purpose.

Please read the Safety Data Sheet (SDS) for details.  
If you have any questions, please contact us.

### Emergency Response

1. If inhaled, move to a place with fresh air, keep comfortable for breathing. Contact the doctor if you feel unwell.
2. If it gets on your skin, remove deposits with a cloth and remove contaminated clothing immediately. Wash with plenty of soap and water. Seek medical advice/attention if skin irritation or rash occurs.
3. In cases of contact with eyes, rinse thoroughly with running water and seek medical advice immediately.
4. If swallowed, contact a doctor immediately
5. If leaked, collect spillage
6. In case of fire: cut off the source of combustion to the source of the fire and use an appropriate fire extinguishing media.

### 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.