

## Food Contact Lining Material

# YP – 316

HEAVY METAL-FREE EPOXY LINING WITH SUPERIOR CHEMICAL RESISTANCE FOR WATER TANKS AND FOOD SILOS, COMPLIANT WITH JWVA K 143 AND FOOD SAFETY STANDARD.



### Features

#### Safety

- Conform to JWVA K 143 Water Quality Standard.
- Conform to “Specification and Standards for Foods, Food Additives, etc” Ministry of Health and Welfare Notification No.370, 1959
- Certified by Japan Food Research Laboratories
- Suitable for direct contact with food and water

#### Performance

- Excellent safety (does not contain heavy metals) and chemical resistance
- Can be applied in general use and winter use
- 1.5 – 3 times stronger than general-purpose epoxy

#### Economical

- High quality lining material will last for 10 - 15 years.
- Can be installed with brushes and roller

### Application

For internal wall and ceiling:

- Water treatment plants
- Water tanks
- Sterilization treatment layer
- Food silos

### Colour

Gray



### Packing

Set	Main Agent	Hardener	Mixing Ratio
15 Kg	12 Kg	3 Kg	Main Agent : Hardener 4 : 1

Main Agent



Hardener



### Composition Table

Type	Main Agent		Hardener	
	Composition	%	Composition	%
General use	Epoxy resin	50	Modified Aliphatic Polyamine Resin	100
	Coloring material	48		
	Additive	2		
Winter use	Epoxy resin	55	Modified Aliphatic Polyamine Resin	100
	Coloring material	43		
	Additive	2		

#### 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>





# YP - 316

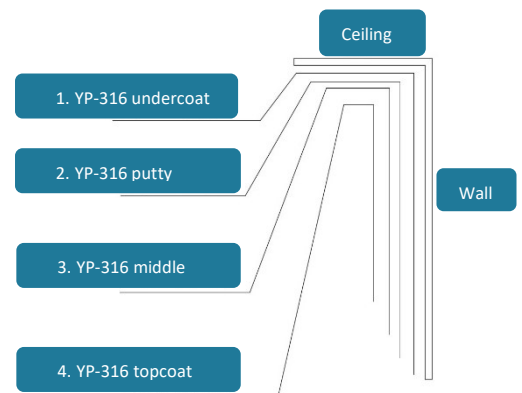
## Instructions

### Base Material Adjustment

- Remove latency and fragile parts with a disc sander or tools alike
- If the concrete surface has significant irregularities, smooth the base with cement mortar, resin mortar, etc.
- If the old coating film remains, remove the deteriorated parts and roughen the entire active film.

### YP - 317 Application

- Apply the silo epoxy lining YP-317 three times and apply one putty (part)
- The construction order: First layer is undercoat, the second layer Putty, the third layer is middle coat, and fourth layer is topcoat.
- Apply putty to the ceiling, the base repair part, the corner tip, and the place where there are many pinholes and finish it smoothly.



## General Handling Precautions

### Safety Measures

1. Keep away from sources of ignition such as heat, fireworks, open flames, and high temperature objects.
2. Avoid inhaling dust, smoke, gas, mist, vapor or spray.
3. Use only in outdoor or well-ventilated areas.
4. Wash hands and body thoroughly after handling
5. Wear protective gloves, clothing, eyewear, and face protection
6. Do not use for purposes other than those specified
7. Avoid releasing into environment.

### Waste

1. Entrust the disposal to a specialized waste disposal contractor licensed by the prefectural governor
2. 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.
3. Do not dispose of in places that pollute the environment such as river and soil

### First Aid Measures

1. In case of fire, use carbon dioxide extinguishers, foam extinguishers or powder extinguisher to extinguish the fire.
2. If swallowed by mistake, see a doctor immediately.
3. If inhaled, move to a place with fresh air and take a rest in a comfortable position for breathing
4. If it gets on your skin, remove all contaminated clothing immediately and wash the skin with running water or a shower.
5. In case of contact with eyes, rinse carefully with water for several minutes. If wearing contact lenses and easy to remove, take them out. If eye irritation persists, seek medical attention.
6. Collect spilled material

### Storage

1. Store in a well-ventilated and cool place
2. Keep locked up
3. Keep out of reach of children.

For detailed information, please refer to the Safety Data Sheet (SDS).

### 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>

