

# SIPOXY-SHIELD 295

## Polyamide High Build Epoxy Coating

Product No. 6295

### Features

- Tough High-Build Epoxy.
- Excellent Resistance Properties:  
Fresh and salt water, alkalis and salts,  
Spillage of solvents and dilute acids.
- Versatile:  
Can be a finish coat.
- Can be top coated with epoxy or urethane  
finish coats.
- Good Cure And Easy Application Properties.

### Recommended Use

- Decks and Floors
- Marine Environments:  
Ships, barges and offshore structures above  
water areas.
- Industrial Environments:  
Pulp and paper, Fertilizer, Chemical process,  
Sewage and waste plants, refineries.

### Physical Data

**Finish** : Semi-Gloss

**Colours** : White, Oxide Red,  
Grey, Yellow,  
Aluminium

**Volume Solids** : 60%

**Recommended Film Thickness:**  
100 - 150 microns dry = 168 - 250 microns wet

**Theoretical Coverage:**  
6 m<sup>2</sup>/ltr. at 100 microns

**Density (mixed)** : 1.3 kg/ltr.

**Drying Times** : 25°C / 65%RH  
Dry to Recoat : 4 Hour  
Hard Dry : 8 Hours  
Maximum Recoating Time: 6 Months

**Heat Resistant** : 121°C dry

**Flash Point** : 28°C

### Specification Data

#### Preparation

All surfaces must be free of grease, oil, and moisture and other foreign matter and be properly primed with a compatible primer such as SIPRIME 215, SIPZINC 110, SIPZINC 140 or SIPZINC 150.

## Application Data

<b>Mixing Ratio by Volume</b>	Base : 1 part Hardener : 1 part
<b>Mixing Advice</b>	SIPOXY-SHIELD 295 Coating is a two component product supplied in 20 ltr. and 5 ltr. kits which contain the proper ratio of ingredients. The entire contents of each container must be mixed together. Power mix the base portion first to obtain a smooth, homogeneous condition. After mixing the base portion for 5 to 10 minutes, add the hardener slowly with continued agitation. After the hardener add is complete, continue to mix slowly until homogeneous.
<b>Thinning</b>	Thinner 740 Thinning is not normally required or desired; however, at lower temperatures, small amounts (10% or less) of Thinner 740 can be added. Any solvent addition should be made after the two components are thoroughly mixed.
<b>Induction Time</b>	SIPOXY-SHIELD 295 requires a 15 minutes induction time at 25°C.
<b>Pot Life</b>	4 hours at 25°C.
<b>Application Details</b>	SIPOXY-SHIELD 295 Coating can be applied by both conventional air spray, airless spray equipment and roller. For air spray application, a fluid tip of .070" to .086".  Where airless equipment is used, a 30 to 1 pump and .019" to .023" tip size will provide a good spray pattern.  For touch-up work, SIPOXY-SHIELD 295 Coating can be applied by brush or roller.  For application by roller use Thinner 740 upto 20% by volume for the first coat only, depending upon porosity of the surface.
<b>Cleaning of Equipment</b>	Use Thinner 740 or 730.

## Storage Information

<b>Pack Size</b>	5 and 20 ltr. two component kits.
<b>Storage</b>	Store generally in original sealed container, indoors, at a temperature between 5 and 40°C and relative humidity below 70%.
<b>Shelf Life</b>	1 Year

## Safety Information

See the material safety data sheet and product label for complete safety and precaution requirements.

## Disclaimer

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