

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 m²/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

Mixing Ratio by Volume	Base : 1 part Hardener : 1 part
Mixing Advice	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.
Thinning	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.
Induction Time	SIPOXY-SHIELD 295 requires a 15 minutes induction time at 25°C.
Pot Life	4 hours at 25°C.
Application Details	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.
Cleaning of Equipment	Use Thinner 740 or 730.

Storage Information

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

Safety Information

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

Disclaimer

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