

ARCHCO™ 300 EPOXY PRIMER

Two Part Epoxy Primer

Description

Archco™ 300 Epoxy Primer is a low VOC, two component coating that provides excellent protection on aboveground steel and concrete surfaces. Its good penetration and adhesive properties ensure excellent protection in long term exterior exposure.

Uses

- Offshore Equipment
- Marine Vessels
- Storage Tanks
- Petro Chemical Industries
- Oil Production Rigs
- Shipbuilding
- Aboveground Piping

Application

APPLICATION CONDITIONS: Surface should be dry, above 2°C and at least -15°C above the dew point.

SURFACE PREPARATION: Remove all grease, oil, dirt, dust or other contaminants.

NORMAL SERVICE: SSPC – SP2 and SP3 Hand and Power Tool Cleaning.

CORROSIVE SERVICE: SSPC – SP6 Commercial Blast Cleaning or SSPC – SP10 Near White Metal Blast Cleaning.

IMMERSION SERVICE: SSPC – SP10 Near White Metal Blast Cleaning.

CONCRETE SERVICE: Surfaces should be lightly sandblasted and/or acid etched. If acid etching is used, the surface should be rinsed with fresh water and allowed to dry thoroughly before application of the Archco™ 300 Epoxy Primer.

Note: Concrete must be cured for at least 28 days prior to application of Archco™ 300 Epoxy Primer.

PREVIOUSLY PAINTED SURFACES: Remove all grease, oil, dirt, dust or other contaminants. Surface must be clean and dry. Remove all rust, rust scale, chalk, and loose peeling paint by SSPC – SP2 or SP3 Hand or Power Tool Cleaning, or SSPC SP7 Brush-Off Blast Cleaning.

RECOMMENDED TOP COAT: Can be over coated with Archco™ 300 or Denso Weathershield 65. Topcoat with Denso Weathershield 65 for long term aesthetic appearance.



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TECHNICAL DATA

PROPERTIES	VALUE
Solids By Weight	85 - 87%
Solids By Volume	77 - 79%
Viscosity@ 77°F (25°C)	120 KU
Pot Life	10 Hours
Dry Film Thickness per coat	
Wet:	5.0 Mils to 10.0 Mils (127 - 253 microns)
Dry:	3.9 Mils to 7.8 Mils (100 - 197 microns)
Theoretical Coverage	320 ft ² /gal @ 5 mil dft (7.9 m ² /L @ 127 micron dft)
Recommended D.F.T.	4.0 - 8.0 mils/coat (102 - 203 microns)
Spray Equipment Required	
Shelf Life @ 40°F (4°C) to 105°F (41°C)	2 years
Flash Point	40°F (4°C)
Dry Time @ 77°F (25°C), 55% R.H.	
To Touch:	1 - 2 Hours
To Handle:	8 - 10 Hours
To Recoat:	5 Hours
Recoat Window	90 days @ 77°F (25°C)
Temperature Resistance (Dry)	200°F (93°C)
V.O.C.	1.42 lbs/gal (170 grams/L)
Ratio by volume (A to B)	3:1 Ratio
WT. / Gallon	11.5 lbs (5.2 kg)
Application Method	Brush, Roll, Spray
Application Equipment	
Conventional	DeVilbiss 510 Gun / E Tip + Needle, 704 Air Cap
Airless	or Graco Pump, .013 - .021 Tip or equivalent
Gloss	Semi-Gloss
Colour	Brick Red, Beige & Other Colors Upon Request.

STORAGE: Minimum 2 Years when @ 40°F (4°C) to 105°F (41°C).

CLEANING: Archco™ 400E Thinner, MEK or equivalent solvent cleaner.

HEALTH AND SAFETY: Wear protective clothing and ensure adequate ventilation. Avoid contact with skin and eyes. Do not ingest. See safety data sheet for further information.

PACKAGING: 4 gallon kit (15 liter kit)



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