

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. It's 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 35°F (2°C) and at least 5° F (-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 Prembond UV Barrier 65. Topcoat with Prembond UV Barrier 65 for long term aesthetic appearance.

Archco 300 Epoxy Primer

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
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
Color	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 material safety data sheet for further information.

PACKAGING: 4 gallon kit
(15 liter kit)



HOUSTON:
9747 Whithorn Drive,
Houston, Texas,
U.S.A. 77095
Tel: 1-281-821-3355
Fax: 1-281-821-0304

TORONTO:
90 Ironside Crescent,
Unit 12, Toronto,
Ontario, Canada M1X1M3
Tel: 1-416-291-3435
Fax: 1-416-291-0898

e-mail: info@premiercoatings.com

www.premiercoatings.com

A Member of Winn & Coales International

The information given on this sheet is intended as a general guide only and should not be used for specification purposes. We believe the information to be accurate and reliable but do not guarantee it. We assume no responsibility for the use of this information. Users must, by their own tests, determine the suitability of the products and information supplied by us for their own particular purposes. No patent liability can be assumed.