



AMERICAN COATINGS

SL SILICONE HIGH HEAT PRIMER/FINISHES

High heat resistant silicone primer/finishes.

GENERAL FEATURES

- FOR TEMPERATURES UP TO 900° F
- GOOD FLEXIBILITY AT ELEVATED TEMPERATURES
- FORMULATED FOR CONTINUOUS HEAT
- EXCELLENT COLOR RETENTION
- CURED BY HEAT

DESCRIPTION

American Coatings SL Series primer/finishes are durable silicone coatings. SL Series products are self-priming or available in a zinc filled system for severe environments. SL Series products should be heat cured for maximum results.

USES

American Coatings SL Series primer/finishes are used for piping and equipment operating at elevated temperatures.

PRODUCTS

- *SL 231 Gray Zinc filled primer/finish
- SL 2980 Aluminum
- *SL 7100 Black
- *SL 7110 Gray

*Made to order color 50 gallon minimum order required.

PHYSICAL DATA

Finish ----- Flat
 Color ----- Various
 Applied Over ----- Properly primed or prepared steel

¹ Components ----- One
 Cure ----- Air and Heat

¹ Volume Solids ± 2% ----- 32%

Recommended Dry Film

Thickness ----- 1 mil
 Number of Coats ----- One or Two
 Application Method ----- Conventional Spray, Brush, or Roller

Thinning Required----- 10 – 15 % TH 600 or TH 620

Dry Time @ 77° F and 50% RH:

Requires baking at 400° F for one or two hours to become tack free.

² Theoretical Coverage at:

Recommended Thickness----- 513 sq. ft/gal

Temperature Limit

Immersed ----- N/R
 Atmospheric ----- 900° F

Miscellaneous Properties

Shelf Life ----- 1 year

SURFACE PREPARATION

Near White Sandblast Preferred
 (SSPC-SP10-63) (Sa3 ½)

¹ SL 231 has 48% volume solids and is a two component product

² Coverage's are theoretical and do not make provision for spray losses



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APPLICATION INFORMATION

Do not apply at temperatures below 40°F or humidities above 85 percent.

APPLICATION METHOD

Conventional spray preferred. Can be applied by brush, or roller.

MIXING

SL Series products are one component and require thorough mixing. (Mechanical agitator preferred.)

CLEAN-UP AND THINNING

Clean up and thin with American TH 620 Thinner.

SPRAY EQUIPMENT

FOR AIRLESS SPRAY

Not Recommended.

FOR CONVENTIONAL SPRAY

Spray Pot Dual Regulation
Air Gauges for Pot Pressure and Atomization Air

Air Supply (in) -----	100 psi
Material Hose (ID) -----	1/2"
Material Hose Length -----	50 – 75'
Air Hose (ID) -----	5/16"
Fluid Pressure (psi) -----	10 – 20
Atomization Pressure (psi) -----	45/60
Fluid Tip Orifice Size (in) -----	.046

SAFETY INFORMATION

WARNING! FLAMMABLE, HARMFUL IF INHALED, CAUSES IRRITATION

Keep away from sparks or flame. Vapors may cause flash fire. Use with adequate ventilation. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator during and after applications unless air monitoring demonstrates vapor/mist levels are below applicable limits. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

SHIPPING DATA

Consult you American Coatings Representative

DISCLAIMER

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