



# AMERICAN COATINGS

## SAC SERIES INTERMEDIATE HEAT RESISTANT PRIMER/FINISHES

Temperature resistant silicone acrylic primers and finishes.

### GENERAL FEATURES

- WITHSTANDS TEMPERATURES UP TO 500°F
- EXCELLENT GLOSS AND COLOR RETENTION
- SELF PRIMING
- GOOD FLEXIBILITY

### DESCRIPTION

American SAC Series intermediate heat primer/finishes are durable products with air dry characteristics. SAC Series primer/finishes are self-priming or available in a zinc filled system for severe environments.

### USES

American SAC Series intermediate heat primer/finishes are used on piping or equipment operating at elevated temperatures, which exceed the temperature, limits for conventional coatings. The coatings perform their best in continuous temperature situations. SAC products contain no chlorides and can be used as primers under insulation on stainless steel. When applying on hot surfaces use multiple thin coats reduced with TH 620 thinner. Primer is critical.

### PRODUCTS

SAC 237	Gray Zinc filled primer/finish*
SAC 4640	Black
SAC 2960	Aluminum
SAC 1359	White*
SC 10357	Gray*

\* Denotes a made to order product 50 gallon minimum required. Other colors available upon request.

SAC Series primer/finishes can be applied over inorganic zinc.

### PHYSICAL DATA

Finish ----- Gloss  
 Color ----- Various  
 Applied Over ----- Properly primed steel  
 Components ----- One (SL 237 two)  
 Cure ----- Air-dry

Volume Solids ± 2% ----- 32% <sup>1</sup>

### Recommended Dry Film

Thickness ----- 1.0 mils  
 Number of Coats ----- One or two  
 can be applied over itself  
 Application Method ----- Conventional,  
 Spray, Brush or Roller

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

### Dry Time @ 77°F and 50% RH:

Touch ----- 15 – 45 minutes  
 Through ----- 2 – 4 hours  
 Topcoat - ----- 2 – 4 hours

### \*Theoretical Coverage at:

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

### Temperature Limit

Immersed ----- N/A  
 Atmospheric ----- 500°F

### Miscellaneous Properties

Shelf Life ----- 1 year

### SURFACE PREPARATION

Near White Metal Sandblast (SSPC-SP10-63) (Sa2 ½) <sup>2</sup>

\* Coverages are theoretical and do not make provision for spray losses

<sup>1</sup> SAC 2960 has a volume solids of 22%

<sup>2</sup> Commercial Sandblast suitable with SAC 237 primer/finishes.



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## SAC SERIES

### APPLICATION INFORMATION

Do not apply at temperatures less than 40°F or humidities greater than 85 percent.

### APPLICATION METHOD

Conventional or Airless spray preferred. Can be brush or roller applied.

### MIXING

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

### CLEAN-UP AND THINNING

Use TH 600 or TH 620 for clean up and thinning.

### SPRAY EQUIPMENT

#### **FOR AIRLESS SPRAY**

Not Recommended

#### **FOR CONVENTIONAL SPRAY**

Spray Pot with Dual Regulation Air Gauges, for Pot Pressure and Atomization Pressure.

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 psi  
 Atomization Pressure (psi) ----- 45/60 psi  
 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 your American Coatings Representative.

#### DISCLAIMER

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