

## AP-CONE 480

(SL Series, American Coatings)

### HIGH HEAT PRIMER/FINISHES

AP-CONE 480 is a high heat resistant silicone primer/finishes.

#### GENERAL FEATURES

- FOR TEMPERATURES UP TO 480° C
- GOOD FLEXIBILITY AT ELEVATED TEMPERATURES
- FORMULATED FOR CONTINUOUS HEAT
- EXCELLENT COLOR RETENTION
- CURED BY HEAT

#### DESCRIPTION

AP-CONE 480 Series primer/finishes are durable silicone coatings. AP-CONE 480 products are self-priming or available in a zinc filled system for severe environments. AP-CONE 480 products should be heat cured for maximum results.

#### USES

AP-CONE 480 primer/finishes are used for piping and equipment operating at elevated temperatures.

#### PRODUCTS

AP-CONE Aluminum 2980  
AP-CONE Black 7100  
AP-CONE Gray 7110  
\*AP-CONE Gray Zinc filled primer/finish 231

#### PHYSICAL DATA

Finish ----- Flat  
Color ----- Various  
Applied Over ----- Properly primed or prepared steel  
Components <sup>1</sup> ----- One  
Cure ----- Air and Heat  
Volume Solids ± 2% <sup>1</sup> ----- 32%  
Recommended Dry Film  
Thickness ----- 25µ  
Number of Coats ----- One or Two  
Application Method ----- Conventional Spray, Brush,  
or Roller  
Thinning Required ----- 10 – 15 % Thinner #995

<sup>1</sup>AP-CONE 231 has 48% volume solids and is a two component product

<sup>2</sup>Coverage's are theoretical and do not make provision for spray losses

\*Made to order color 50 gallon minimum order required.

Dry Time @ 25°C and 50% RH:

Requires baking at 205°C for one or two hours to become tack free.

Theoretical Coverage at <sup>2</sup>:

Recommended Thickness----- 48 m<sup>2</sup>/gal

#### **Temperature Limit**

Immersed ----- N/R

Atmospheric ----- 480°C

#### **Miscellaneous Properties**

Shelf Life ----- 1 year

#### SURFACE PREPARATION

Near White Sandblast Preferred  
(SSPC-SP10-63) (Sa2 ½)

#### APPLICATION INFORMATION

Do not apply at temperatures below 5°C or humidity above 85 %.

#### APPLICATION METHOD

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

#### MIXING

AP-CONE 480 products are one component and require thorough mixing. (Mechanical agitator preferred.)

#### CLEAN-UP AND THINNING

Clean up and thin with Thinner 995.

#### 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) ----- 0.046

### **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**

AVF Paints Coatings Representative

### **PACKAGING**

#### **Shipping Wt. (Kg)**

Ones 4.1  
Fives 20.3

### **MATERIAL SAFETY**

Safety Data Sheet of the product is available on request.

#### **For more information please contact:**

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