



# COOL WHITE ELASTOMERIC ROOF COATINGS #248 • #252



APOC acrylic elastomeric roof coatings are among the toughest and most durable coatings on the market. With decades of research and development, our chemical engineers and laboratory technicians have examined, analyzed and formulated products designed to surpass industry standards and endure nature's unforgiving elements. APOC acrylic coatings provide a highly flexible, durable and reflective surface which safeguards roof membranes, decreases energy consumption, extends your roofs life and saves building owners money!



SHRINE AUDITORIUM



LOUIS VUITTON



PENNYSAVER

## APOC Energy Saving Cool Roof Coatings

### #248 ARIZONA® - WHITE HIGH PERFORMANCE ELASTOMERIC

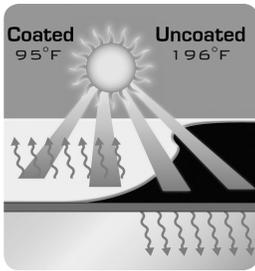
APOC® 248 ARIZONA®-White is a premium, highly flexible, white acrylic latex roof coating. The high performance product is specially formulated for the extreme conditions of the Arizona climate. It resists cracking, peeling and mildew, while offering tremendous durability and long term life. APOC® 248 forms a tough seamless shield of protection for virtually all low pitched roofs and can withstand moderate ponding situations. It expands and contracts up to 300% with the roof's movements to resist damage. This coating provides an excellent, highly protective barrier which reflects the sun's heat and destructive UV rays. In turn, this helps to cool surfaces and leads to a reduction of interior temperatures. This product is an "investment", and can actually pay for itself in savings up to 30% on cooling costs!

### #252 SUNWHITE® PREMIUM ELASTOMERIC ROOF COATING

APOC® 252 SUNWHITE® Premium Elastomeric Roof Coating is an extra thick, highly flexible, white acrylic roof coating designed with superior hiding ability. This high performance, UL Class A rated product resists cracking, peeling and mildew, while offering tremendous durability and long term life. It expands and contracts with roof movement to resist damage. APOC® 252 provides an excellent, highly protective barrier which reflects the sun's heat and destructive UV rays. In turn, this helps to cool surfaces and leads to a reduction of interior temperatures and cooling costs. APOC® 252 is an "investment", and can actually pay for itself in savings on cooling costs. Do not allow to freeze.

**DON'T REPLACE IT. RESTORE IT.™**

FL-1052.7.08



# Cool Roof Solutions

Cool roof systems act like a reflective shield to protect your roof membrane. Cool roof systems drastically reduce roof temperatures, thermal shock and heat transfer. In addition, they extend roof life, improve building comfort and substantially reduce cooling costs. In fact, cool roof systems act as an asset that can provide a return on your investment.



## ARIZONA® - WHITE HIGH PERFORMANCE ELASTOMERIC



**COMPLIANCE:** CRRC, Title 24, UL Class A, ASTM D6083, Miami-Dade Approved.

**DESCRIPTION:** **APOC® 248 Arizona®-White** is a premium, highly flexible, white acrylic latex roof coating. This high performance product is specially formulated for the extreme conditions of the Arizona climate. It resists cracking, peeling and mildew, while offering tremendous durability and long term life. **APOC® 248** forms a tough seamless shield of protection for virtually all low pitched roofs and

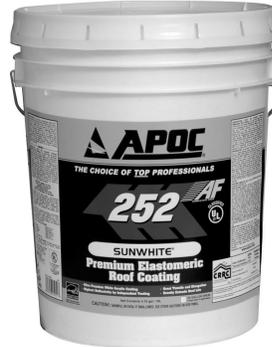
can withstand moderate ponding situations. It expands and contracts up to 300% with the roof's movements to resist damage. This coating provides an excellent, highly protective barrier which reflects the sun's heat and destructive UV rays. In turn, this helps to cool surfaces and leads to a reduction of interior temperatures. This product is an "investment", and can actually pay for itself in savings up to 30% on cooling costs!

### TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	11.53 lbs.
Solids by Weight	65%
Solids by Volume	52%
Viscosity (ASTM D-2697)	100-140 ku
Elongation (ASTM D-562)	> 400%
Tensile Strength (ASTM D-2370)	> 300 psi.
Reflectivity (ASTM C-523)	88% (CRRC)
Emissivity	.87
Permeability (ASTM D-1653)	< 15 perms
Adhesion to Polyurethane Foam	> 3.0 lbs./in.
Consistency	Brush, Roller or Spray
Cure Time (50% Relative Humidity, 70°F)	4 hours
Full Cure (50% Relative Humidity, 70°F)	24-48 hours
Application Temperatures	60° F and rising
Flammability	N/A (water based)
Clean-up Tools	Warm water, soap

		<u>Initial</u>	<u>Weathered</u>
	<b>Solar Reflectance</b>	<b>88%</b>	<b>0.65</b>
	<b>Thermal Emittance</b>	<b>0.87</b>	<b>0.88</b>
Rated Product ID	0646-0005		
Licensed Manufacturer ID	0646		
Classification	Production Line		
<small>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effort of solar reflectance and thermal emittance on building performance may vary.</small>			
<small>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</small>			

## SUNWHITE® PREMIUM ELASTOMERIC ROOF COATING



**COMPLIANCE:** CRRC, Title 24, ASTM D6083, UL CLASS A RATED File #R11333, Miami-Dade Approved.

**DESCRIPTION:** **APOC® 252 Sunwhite® Premium Elastomeric Roof Coating** is an extra thick, highly flexible, white acrylic roof coating designed with superior hiding ability. This high performance, UL Class A rated product resists cracking, peeling and mildew, while offering tremendous durability and long term life. It expands and

contracts with roof movement to resist damage. **APOC® 252** provides an excellent, highly protective barrier which reflects the sun's heat and destructive UV rays. In turn, this helps to cool surfaces and leads to a reduction of interior temperatures and cooling costs. **APOC® 252** is an "investment", and can actually pay for itself in savings on cooling costs. Do not allow to freeze.

### TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	11.53 lbs.
Solids by Weight	65%
Solids by Volume	52%
Viscosity (ASTM D-2697)	100-140 ku
Elongation (ASTM D-562)	463%
Tensile Strength (ASTM D-2370)	365 psi.
Elongation, post weathering (%)	131%
Reflectivity (ASTM C-523)	> 90% (CRRC)
Emissivity	.87
Permeability (ASTM D-1653)	< 5 perms
Adhesion to Polyurethane Foam	4.1 lbs./in.
Combustible Solvents	None
Consistency	Brush, Roller or Spray
Cure Time (50% Relative Humidity, 70°F)	4 hours
Full Cure (50% Relative Humidity, 70°F)	24-48 hours
Application Temperatures	50° F and rising
Flammability	N/A (water based)
Clean-up Tools	Warm water, soap

		<u>Initial</u>	<u>Weathered</u>
	<b>Solar Reflectance</b>	<b>90%</b>	<b>0.77</b>
	<b>Thermal Emittance</b>	<b>0.87</b>	<b>0.90</b>
Rated Product ID	0646-0005		
Licensed Manufacturer ID	0646		
Classification	Production Line		
<small>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effort of solar reflectance and thermal emittance on building performance may vary.</small>			
<small>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</small>			

### Other Cool Roof Coatings Available Through APOC:

Product	Energy Star	Title 24	Reflectance	Emittance	CRRC Listed
APOC 273 Cool Gray Acrylic	Yes	Yes	76%	0.89	Yes
APOC 274 Cool Tan Acrylic	Yes	Yes	70%	0.86	Yes
APOC 247 Elastomeric	Yes	Yes	88%	0.89	Yes



**DON'T REPLACE IT. RESTORE IT.™**

5903 PARAMOUNT BLVD. LONG BEACH, CA 90805

1.800.562.5669