

ALSAN[®] COATING AC 401

High-Quality Acrylic Roof Coating

PRODUCT DATA SHEET PD10378 - REV.220817



APPLICATIONS

ROOFS

QUICK FACTS:

AMBIENT TEMP (°F)	SUBSTRATE TEMP (°F)	DRY TIME (hours)	NEXT COAT (hours)	FULLY CURED (hours)	TECHNOLOGY
50-95 (10-35°C)	50-95 (10-35°C)	2-4	>4 at 75°F (24°C) @ 50% RH	24-48 at 75°F (24°C) @ 50% RH	Acrylic

NOTES: Elevated ambient humidity and lower temperatures extend cure time. Coating must be at least 65° F (18.3°C) for spray applications.

COOL ROOF RATING						
CRRC PRODUCT ID	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
0772-0061	0.86 initial	0.69 3 year	0.88 initial	0.91 3 year	108 initial	85 3 year

NOTE: Cool Roof rating values are for the white version of the product.

PRODUCT NUMBERS:

- L-AACW5 - 5 gal (18.9 L)
- L-AACW55 - 55 gal (208 L)
- L-AACW275 - 275 gal (1040 L)

DESCRIPTION & FEATURES:

ALSAN[®] Coating AC 401 is a VOC compliant, high quality, single component, water-based, acrylic elastomeric roof coating and protective barrier for a variety of low slope roof surfaces and substrates, and designed specifically for the rigors of professional roofing. Upon cure, **ALSAN[®] Coating AC 401** forms a durable, reflective coating that is highly flexible and resistant to natural weathering with superior adhesion, while dramatically reducing roof temperatures and protecting the underlying roof membrane. **ALSAN[®] Coating AC 401** may be applied as a reflective coating over most sound and dry single ply, asphaltic modified bitumen, BUR, and metal roofing systems.

ALSAN[®] Coating AC 401 has been tested and meets or exceeds all properties of ASTM D6083.

STANDARD COLORS:



APPLICATION:



ALSAN[®] Coating AC 401 can be applied up to 24 wet mils thick in one application using single component airless spray equipment, roller or brush, ideally during the morning hours of a warm, sunny day to provide maximum cure time. Surfaces to be coated must be dry, clean, and free from dust, dirt, oil, loose granules, or peeling materials, mildew and other foreign matter. Perform an adhesion test on each surface type to ensure adequate bond can be achieved, or if a primer or other specific surface preparation is required. Assure ambient and substrate temperatures remain 50°F (10°C) or above, and will not fall below 32°F (0°C) within 24-hours of application, to assure proper application and curing. Application is not recommended if rain or dew is likely to occur before product dries. Prior to application, stir **ALSAN[®] Coating AC 401** thoroughly to achieve a uniform consistency; refer to published specifications, guidelines and recommendations for complete application instructions. The applicator is responsible for ensuring conditions are appropriate to proceed with proper application methods.

* Refer to the SOPREMA Roof Coatings Technical Manual for additional application guidelines.

ALSAN[®] COATING AC 401

High-Quality Acrylic Roof Coating

PRODUCT DATA SHEET PD10378 - REV.220817



APPLICATIONS

ROOFS

STORAGE:

Always store in sealed containers in cool, ventilated and dry locations. Do not store in direct sunlight or temperatures below 55°F (12.8°C) or above 80°F (26.7°C). DO NOT ALLOW TO FREEZE.

TESTING & APPROVALS:



TECHNICAL INFORMATION & TESTING:

APPROXIMATE COVERAGE RATES

SUBSTRATE PROFILE	COVERAGE RATE PER COAT* gal/100ft ² (l/m ²)	MINIMUM WFT mils (mm)	MINIMUM DFT mils (mm)
Metal Single Ply (PVC, TPO, & EPDM) Modified Bitumen	1.0-1.5 (0.41-0.61)	16-24 (0.41-0.61)	8.0-12.0 (0.22-0.33)

* See project specification for total coverage rate based on the substrate and warranty requirements.

PHYSICAL PROPERTIES

PROPERTY		TEST METHOD
Solids by Volume, %	50 +/- 3	ASTM D1653
Solids by Weight, %	63 +/- 3	ASTM D1644
Tensile Strength, psi	224 +/- 20	ASTM D2370
Elongation, %	130 +/- 20	ASTM D2370
Permeability	22	ASTM D 1653 Method B, Condition A
Viscosity, cP	44,000	ASTM D 2196 Method A
Density, lb/gal	11.1	-
Standard Color	White and light gray	-
Fungi Resistance	0	ASTM G 21
Shelf Life, months	12	-
VOC, g/L	<50	EPA Method 24
Clean Up	Mineral spirits or paint thinner	-

SUSTAINABILITY:



**VOC CONTENT
LOW EMITTING**

< 50 g/L

**COOL ROOF
SRI**

108
Initial

