



# PC-227 ELASTOMERIC ROOF COATING

## Commercial Product Data Sheet

PC-227 Elastomeric Roof Coating is an acrylic-base white coating designed for use over Siplast Roof Systems. Combining superior reflectivity with excellent durability, adhesion, and flexibility, PC-227 reduces overall cooling energy and roof system lifecycle costs. Superior asphalt bleed blocking properties retard the leaching of asphalt, making it well suited for SBS-modified bitumen systems.

Contact Siplast for information on approved product uses.

### USES: ELASTOMERIC ROOF COATING

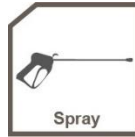
<b>Standards</b>	ASTM D6083
<b>Shelf Life</b>	1 year from the date of manufacture if stored properly.
<b>Coverage</b>	Granule-Surfaced & Foil-Surfaced Sheets: 2.5 – 3.0 gal/sq (0.8 – 1.0 L/m <sup>2</sup> )  Smooth-Surfaced Sheets: 1.5 – 2.0 gal/sq (0.6 – 0.8 L/m <sup>2</sup> )
<b>Conditions at Time of Application*</b>	Ambient Temperature: Minimum 50°F (10°C)
<b>VOC Content</b>	<50 g/L

\* Do not apply if substrate temperature is within 5°F (-15°C) of the dew point.

### PRODUCT INFORMATION

#### Application

Refer to the applicable Siplast Technical Guide for detailed application information and slope limitations.



#### Storage and Handling

Store in an upright position on a clean, flat surface at temperatures between 40°F – 100°F (4°C – 38°C). Avoid storage in direct sunlight during summer months. Do not allow containers of PC-227 to freeze.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

#### Packaging

##### 5 gal (18.9 L) Pail

Pallet: 48 in x 42 in x 49 in (122 cm x 107 cm x 124 cm)  
Pails Per Pallet: 36  
Pallets Per Truckload: 20  
Weight Per Pail: 61 lb (27.7 kg)

##### 55 gal (208.1 L) Drum

Pallet: 48 in x 48 in (122 cm x 122 cm)  
Drums Per Truckload: 64  
Weight Per Drum: 697 lb (316.1 kg)  
Shipping Classification: DOT No. 55

#### Listings, Approvals, & Certifications



Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for specific assemblies.  
FM Approved - Refer to RoofNav.com for specific assemblies.

**PHYSICAL & MECHANICAL PROPERTIES**

Property (as Installed)	Values / Units	Test Method
Initial Tensile Strength (psi)	270	ASTM D2370
Initial Elongation (%)	260	ASTM D2370
Dry Adhesion (pli)*	6.5	ASTM D749, D903
Wet Adhesion (pli)*	5.0	ASTM D749, D903
Tear Resistance (lbf/in)	100	ASTM D624
1000 Hour Accelerated Weathering	No Cracking or Checking	ASTM D4798
Elongation After Accelerated Weathering (%)	220	ASTM D2370
Permeance (perms)	12	ASTM D1653

\*Measured Over Aged PVC Substrate.

**ELASTOMERIC ROOF COATING COOL ROOF RATING**

	Reflectance	Emittance	Solar Reflectance Index
Initial	0.83	0.88	104
3 Year	0.75	0.92	93
Test Method	ASTM C1549	ASTM C1371	n/a