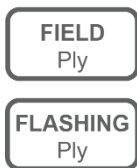


PARASOLO™ PVC

Smooth-Surface Sheets: 50-60-80 mil

Commercial Product Data Sheet



Parasolo PVC is a high performance, single-ply membrane utilizing a PVC blend. Parasolo PVC is heat weldable and has excellent fire and chemical resistance properties.

Contact Siplast for specific approval on product uses.

PRODUCT INFORMATION

Standards	ASTM D4434 Standard Specification for Poly (Vinyl Chloride) Sheet Roofing (Type III)
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Roll Sizes	Full-Sheet 50-60 mil: 10 ft x 100 ft (3.05 m x 30.5 m) 80 mil: 10 ft x 80 ft (3.05 m x 24.38 m)
	Half-Sheet 50-60 mil: 5 ft x 100 ft (1.52 m x 30.5 m) 80 mil: 5 ft x 80 ft (1.52 m x 24.38 m)

Roll Weights (nom.)	50 mils	Full-Sheet 350.6 lb (161.5 kg)
		Half-Sheet 175.25 lb (79.5 kg)
	60 mils	Full-Sheet 398.2 lb (180.6 kg)
		Half-Sheet 199.1 lb (90.31 kg)
	80 mils	Full-Sheet 422.5 lb (191.6 kg)
		Half-Sheet 211.25 lb (95.88 kg)

Application

Refer to the applicable Siplast Technical Guide for detailed information on the application of Parasolo PVC membranes.



Storage and Handling

All Siplast roll roofing products should be stored on a clean flat surface. All roofing materials should be stored in a dry place, out of direct exposure to the elements. Material should be handled so that it remains dry prior to and during installation.

Packaging

Wood Pallet
Number Rolls Per Pallet: 7 (50 & 60 mil)
10 (80 mil)

Listings, Approvals & Affiliations



LEED Data	
Manufacturing Location	Cedar City, UT
Pre-consumer Recycled Content	7%
Pre-consumer Recycled Content	7%
SRI (Initial)	110
SRI (Aged*)	101

*Calculated based upon CCRC Rapid Ratings (www.coolroofs.org)

Visit www.siplast.com for current copies of all Siplast Commercial Product Data Sheets and Safety Data Sheets.

PARASOLO™ PVC SMOOTH-SURFACE



Physical and Mechanical Properties

Property (as Manufactured)	Test Method	Test Method (min. value)	Typical Values		
			50 mil	60 mil	80 mil
Thickness (nom.)	ASTM D751	0.046" (1.14 mm)	50 mil (1.27 mm)	60 mil (1.52 mm)	80 mil (2 mm)
Thickness over scrim (nom.)	ASTM D7635	0.016" (0.4 mm)	17 mil (0.413 mm)	25 mil (0.64 mm)	30 mil (0.76 mm)
Weight (lb/sf) (kg/m ²) (nom.)	n/a	n/a	0.350 lb/ft ² (1.71 kg/m ²)	0.398 lb/ft ² (1.94 kg/m ²)	0.528 lb/ft ² (2.58 kg/m ²)
Breaking Strength	ASTM D751	200 lbf (890 N) (MD & MCD)	>270 lbf (1200 N)	>270 lbf (1200 N)	>325 lbf (1446 N)
Breaking Strength (after heat aging)	ASTM D3045	90%	Pass	Pass	Pass
Elongation at Break	ASTM D751	15% (MD & CMD)	25%	25%	25%
Elongation at Break (after heat aging)	ASTM D3045	90%	Pass	Pass	Pass
Seam Strength	ASTM D751	75% (% of tensile or breaking strength)	Pass	Pass	Pass
Tearing-Strength	ASTM D751	45 lbf (200 N) (MD & MCD)	Pass	Pass	Pass
Low Temp. Bend	ASTM D2136	-40°C	Pass	Pass	Pass
Accelerated Weathering (Siplast Values ¹)	ASTM G154 ¹	Pass	>38,360 KJ/m ²	>38,360 KJ/m ²	>38,360 KJ/m ²
Dimensional Stability	ASTM D1204	≤0.5%	≤0.3%	≤0.3%	≤0.5%
Change in Weight after Water Immersion	ASTM D570	±3%	Pass	Pass	Pass
Static Puncture Resistance	ASTM D5602	Pass	Pass	Pass	Pass
Dynamic Puncture Resistance	ASTM D5635	Pass	Pass	Pass	Pass
Initial Solar Reflectance (CCRC)	ASTM C1549	n/a	0.87		
Solar Reflectance (CCRC)(3-year aged) ²	ASTM C1549	n/a	0.81		
Initial Thermal Emittance (CCRC)	ASTM C1371	n/a	0.88		
Thermal Emittance (CCRC)(3-year aged) ²	ASTM C1371	n/a	0.89		
Solar Reflectance Index (SRI) (initial)	ASTM E1980	n/a	110		
Solar Reflectance Index (SRI) (3-year aged) ²	ASTM E1980	n/a	101		

¹ At an irradiance level of 1.55 W/(m² .nm) at 340 nm.

² Calculated based upon CCRC Rapid Ratings (www.coolroofs.org).