PARASOLO™ PVC FLEECE-BACK SHEETS: 50-60-80 MIL

Commercial Product Data Sheet

Parasolo PVC is a single-ply membrane utilizing a PVC blend and polyester fleece backing. Parasolo PVC Fleece-Back is heat weldable and has excellent fire and chemical resistance properties.

Contact Siplast for information on approved product uses.

USES:
FIELD SHEET
FLASHING SHEET

Standards	ASTM D4434 Standard Specification for Poly Vinyl Chloride Sheet Roofing (Type III)	
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 382.5 lb (191.6 kg) Half-Sheet 191.25 lb (86.8 kg)
	60 mils	Full-Sheet 398.2 lb (180.6 kg) Half-Sheet 199.1 lb (90.31 kg)
	80 mils	Full-Sheet 430.8 lb (195.4 kg) Half-Sheet 215.4 lb (97.7 kg)

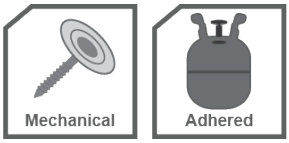
LEED Data	
Manufacturing Location	Cedar City, UT
SRI (Initial)	110
SRI (Aged*)	85

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

PRODUCT INFORMATION

Application

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



Storage and Handling

All Siplast roll roofing products should be stored on a clean, flat surface. All roofing products should be stored in a dry place out of direct exposure to the elements and should not be double stacked. Material should be handled so that it remains dry prior to and during installation.

Packaging

Pallet: 41 in x 48 in (104 cm x 122 cm) wooden pallet
Rolls Per Pallet: 10 (all thicknesses)

Listings, Approvals, & Certifications

c UL us LISTED
FM APPROVED
CRRC COOL ROOF RATING COUNCIL

Current copies of all Siplast Commercial Product Data Sheets are posted on our website at www.siplast.com
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PARASOLO™ PVC FLEECE-BACK

Physical and Mechanical Properties

siplast® With you every step of the way

Property (as Manufactured)	Test Method	Test Method (min. value)	Typical Values		
			50 mils	60 mils	80 mils
Thickness (nom.)	ASTM D751	0.045" (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)	21 mil (0.51 mm)	27 mil (0.64 mm)	40 mil (0.76 mm)
Weight (lb/sf) (kg/m²) (nom.)	N/A	N/A	0.382 lb/ft² (1.87 kg/m²)	0.398 lb/ft² (1.94 kg/m²)	0.538 lb/ft² (2.63 kg/m²)
Breaking Strength	ASTM D751	200 lbf (890 N) (MD & MCD)	>360 lbf (1201 N)	>370 lbf (1201 N)	>410 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 Temperature Bend	ASTM D2136	-40°C	Pass	Pass	Pass
Accelerated Weathering (Siplast Values*)	ASTM G154*	Pass	>38,360 KJ/m²	>38,360 KJ/m²	>38,360 KJ/m²
Dimensional Stability	ASTM D1204	≤0.5%	≤0.3%	≤0.3%	≤0.3%
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 (CRRC)	ASTM C1549	N/A	0.87		
Solar Reflectance (CRRC) (3-year aged)	ASTM C1549	N/A	0.70		
Initial Thermal Emittance (CRRC)	ASTM C1371	N/A	0.87		
Thermal Emittance (CRRC) (3-year aged)	ASTM C1371	N/A	0.88		
Solar Reflectance Index (SRI) (initial)	ASTM E1980	N/A	110		
Solar Reflectance Index (SRI) (3-year aged)	ASTM E1980	N/A	85		

*At an irradiance level of 1.55 W/m² at 340 nm.

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