

# SIKA CORPORATION • ROOFING

## ADHESIVE SELECTION GUIDE FOR PVC ROOFING

Adhesive	Use	VOC Compliance		VOC Content	Application Temperature Restrictions <sup>(1)</sup>
		EPA / OTC	LEED / SCAQMD		
Sikaplan Single-Step	All Sikaplan Membrane	Yes	Yes	240 g/L	40°F (4°C) +
Sarnacol 2121	All Membranes	Yes	Yes	240 g/L	40°F (4°C) +
Sarnacol 2170	All Membranes & Wall Flashing	No <sup>(2)</sup>	No <sup>(2)</sup>	694.2 g/L	None <sup>(3)</sup>
Sarnacol 2170 VC	All Membranes & Wall Flashing	Yes	No	348 g/L, 0 g/L with exempt solvents	None <sup>(3)</sup>
Sarnacol 2175 <sup>(11)</sup>	All Bareback Membranes and Wall Flashing	Yes	Yes	198 g/L	40°F (4°C) +
Sarnacol AD Feltback Membrane	All Feltback Membranes	Yes	Yes	32 g/L	25°F (-4°C) +
Sarnacol OM Feltback Membrane	All Feltback Membranes	Yes	Yes	32 g/L	40°F (4°C) +
Sarnacol 2163	Insulation / Cover Board	Yes	Yes	18 g/L	None
Sarnacol AD Board	Insulation / Cover Board	Yes	Yes	32 g/L	25°F (-4°C) +
Sarnacol OM Board	Insulation / Cover Board	Yes	Yes	11 g/L	Cartridges & Boxes: 40°F (4°C) + Drums: 35°F (2°C) +
Sarnacol OM Board WG	Insulation / Cover Board	Yes	Yes	50 g/L	Cartridges: 0°F (-18°C) to 65°F (18°C) Boxes: 25°F (-4°C) to 65°F (18°C)
Sarnacol OM Adhesive	Insulation / Cover Board / All Feltback Membranes	Yes	Yes	25 g/L	Canisters 40°F (4°C) to 100°F (38°C)
Polysset Board-Max	Insulation / Cover Board	Yes	Yes	28.8 g/L	30 °F (-1°C) to 100 °F (38°C)
Vapor Retarder Adhesive CA	Vapor Retarders	Yes	Yes	32 g/L	41°F (5°C) +
Vapor Retarder Adhesive CA SB	Vapor Retarders	Yes	Yes	250 g/L	32°F (0°C) +

Adhesive	Packaging	ISO organic face & Gypsum Boards & OSB <sup>(4)</sup> & Concrete <sup>(4)</sup> (structural, structural lightweight, LWIC)	ISO / HD glass face & Prime Gypsum Boards & Smooth Plywood & Securock Fiber <sup>(4)</sup>	Gypsum Deck <sup>(4)</sup> & Aged Smooth Asphalt <sup>(4)</sup> & Granular Asphalt <sup>(4)</sup>	Polystyrene Insulation & Cementitious Wood Fiber Deck
		Coverage Rate <sup>(5)</sup> ft <sup>2</sup> per gallon [total ft <sup>2</sup> per packaging]			
Sikaplan Single-Step	5 gal. pail	100 <sup>(10)</sup> [500]	100 - 133 <sup>(10)</sup> [500 - 665]	NA	NA
Sarnacol 2121	5 gal. pail	100 <sup>(10)</sup> [500]	100 - 133 <sup>(10)</sup> [500 - 665]	NA	NA
Sarnacol 2170 <sup>(6)</sup>	5 gal. pail	44 - 57 <sup>(9)</sup> [220 - 285]	50 - 67 <sup>(9)</sup> [250 - 335]	NA	NA
Sarnacol 2170 VC <sup>(6)</sup>	5 gal. pail	44 - 57 <sup>(9)</sup> [220 - 285]	50 - 67 <sup>(9)</sup> [250 - 335]	NA	NA
Sarnacol 2175 <sup>(6)(11)</sup>	(1) canister	[400 - 600] <sup>(11)</sup>	[400 - 600] <sup>(11)</sup>	NA	NA
Sarnacol AD Feltback Membrane <sup>(7)</sup>	(4) 1.5L cartridges	[600] <sup>(8)</sup>	[600] <sup>(8)</sup>	[600] <sup>(8)</sup>	NA
	10 gal. bag-in-boxes	250 - 300 [2,500 - 3,000]	250 - 300 [2,500 - 3,000]	250 - 300 [2,500 - 3,000]	NA
	30 gal. drums	250 - 300 [7,500 - 9,000]	250 - 300 [7,500 - 9,000]	250 - 300 [7,500 - 9,000]	NA
	100 gal. drums	250 - 300 [25,000 - 30,000]	250 - 300 [25,000 - 30,000]	250 - 300 [25,000 - 30,000]	NA
Sarnacol OM Feltback Membrane <sup>(7)</sup>	(4) 1.5L cartridges	[600] <sup>(8)</sup>	[600] <sup>(8)</sup>	[600] <sup>(8)</sup>	NA
	10 gal. bag-in-boxes	170 - 250 [1,700 - 2,500]	170 - 250 [1,700 - 2,500]	120 - 170 [1,200 - 1,700]	NA
Sarnacol 2163 <sup>(7)(8)</sup>	(4) 1.5L cartridges	[600]	[600]	[600]	[600]
Sarnacol AD Board <sup>(7)</sup>	10 gal. bag-in-boxes	250 - 300 [2,500 - 3,000]	250 - 300 [2,500 - 3,000]	250 - 300 [2,500 - 3,000]	250 - 300 [2,500 - 3,000]
	30 gal. drums	250 - 300 [7,500 - 9,000]	250 - 300 [7,500 - 9,000]	250 - 300 [7,500 - 9,000]	250 - 300 [7,500 - 9,000]
	100 gal. drums	250 - 300 [25,000 - 30,000]	250 - 300 [25,000 - 30,000]	250 - 300 [25,000 - 30,000]	250 - 300 [25,000 - 30,000]
Sarnacol OM Board <sup>(7)</sup>	(4) 1.5L cartridges	[600] <sup>(8)</sup>	[600] <sup>(8)</sup>	[600] <sup>(8)</sup>	[600] <sup>(8)</sup>
	10 gal. bag-in-boxes	170 - 250 [1,700 - 2,500]	170 - 250 [1,700 - 2,500]	120 - 170 [1,200 - 1,700]	120 - 250 [1,200 - 2,500]
	30 gal. drums	170 - 250 [5,100 - 7,500]	170 - 250 [5,100 - 7,500]	120 - 170 [3,600 - 5,100]	120 - 250 [3,600 - 7,500]
	100 gal. drums	170 - 250 [17,000 - 25,000]	170 - 250 [17,000 - 25,000]	120 - 170 [12,000 - 17,000]	120 - 250 [12,000 - 25,000]
Sarnacol OM Board WG <sup>(7)</sup>	(4) 1.5L cartridges	[600] <sup>(8)</sup>	[600] <sup>(8)</sup>	[600] <sup>(8)</sup>	[600] <sup>(8)</sup>
	10 gal. bag-in-boxes	170 - 250 [1,700 - 2,500]	170 - 250 [1,700 - 2,500]	120 - 170 [1,200 - 1,700]	120 - 250 [1,200 - 2,500]
Sarnacol OM Adhesive <sup>(9)</sup>	(2) canisters	[3,500]	[3,500]	[3,500]	[3,500]
Polysset Board-Max	(2) canisters	[3000 - 3500]	[3000 - 3500]	[3000 - 3500]	[3000 - 3500]
Vapor Retarder Adhesive CA	5 gal. pail	50 [250]	50 [250]	50 [250]	NA
Vapor Retarder Adhesive CA SB	5 gal. pail	50 [250]	50 [250]	50 [250]	NA

<sup>(1)</sup> Adhesive shall not be used if temperatures are expected below listed temperature during application or subsequent drying time. Check individual product data sheets for proper storage and conditioning temperatures.

<sup>(2)</sup> Contact Sika Corporation - Roofing Technical Department for an OTC or SCAQMD approved adhesive.

<sup>(3)</sup> Do not install when air temperature is within 5° of dew point.

<sup>(4)</sup> Feltback Membrane only

<sup>(5)</sup> Coverage rate displayed as an average range, bareback vs feltback membrane as well as porous vs non-porous substrates, application method, temperature, and experience with product are some variables which will effect listed values.

<sup>(6)</sup> 2-sided application method

<sup>(7)</sup> Coverage based on 12" o/c bead spacing

<sup>(8)</sup> Coverage based on total ft<sup>2</sup> of (4) 1.5L cartridges

<sup>(9)</sup> Coverage based on total ft2 of (1) 48 lb canister of Part A and (1) 44 lb canister of Part B

<sup>(10)</sup> Coverage based on being applied with 3/8" to 1/2" Medium Nap Roller

<sup>(11)</sup> Bareback membrane only

