

# ADHESIVE SELECTION GUIDE

**BUILDING TRUST  
CONSTRUIRE LA CONFIANCE**



Membrane Adhesive Product	Use	Application Temperature Restriction <sup>1</sup>	Dew Point Restriction - Not within 3 °C (5 °F) of the Dew point	LEED Compliant	VOC Content
Sarnacol®-2170 VC	All membranes - horizontal and vertical applications	-15 °C (0 °F)	Yes	No	0 g/L (per EPA)
Sarnacol®-2170 R				No	694.2 g/L
Sarnacol®-2121	All membranes - horizontal applications up to 2:12 slope	4 °C (40 °F)	No	Yes	240 g/L
Sarnacol® AD Feltback Membrane Adhesive	All membranes - horizontal application			Yes	32 g/L
Sarnacol® OM Feltback Membrane Adhesive				Yes	32 g/L
Membrane Adhesive Product	Packaging	Coverage Rate <sup>1</sup>	Approved Substrates:		
Sarnacol®-2170 VC	18.9 L (5 US Gal)	44 - 67 sqft / gal <sup>3</sup>	Sarnatherm, Sarnatherm CG, Sarnatherm HD Roof Board, DensDeck Prime, Metal, Concrete Wall, Concrete Deck <sup>2</sup> , Cellular Concrete <sup>2</sup> & Smooth Plywood		
Sarnacol®-2170 R			Sarnatherm, Sarnatherm CG, Sarnatherm HD Roof Board, DensDeck Prime, Concrete Deck <sup>2</sup> , Cellular Concrete <sup>2</sup> & Smooth Plywood		
Sarnacol®-2121		100 - 133 sqft / gal <sup>3</sup>			
Sarnacol® AD Feltback Membrane Adhesive	Case: 4 - 1.5 L Cartridge	600 sqft / case <sup>4</sup>	Sarnatherm, Sarnatherm CG, Sarnatherm HD Roof Board, DensDeck Prime, Concrete Deck & Cellular Concrete		
Sarnacol® OM Feltback Membrane Adhesive	Bag in Box Kit: Part A & Part B - 18.9 L (5 US Gal) each.	2,500 - 3,000 sqft / kit <sup>4</sup>			
	Case 4: - 1.5 L Cartridge	600 sqft / case <sup>4</sup>			
	Bag in Box Kit: Part A & Part B - 18.9 L (5 US Gal) each.	2,500 - 3,000 sqft / kit <sup>4</sup>			
Board Adhesive Product	Use	Application Temp. Restriction <sup>1</sup>	Dew Point Restriction - Not within 3 °C (5 °F) of the Dew point	LEED Compliant	COV content
Sarnacol® LRA	Insulation / Coverboard	4 °C (40 °F)	No	Yes	11 g/L
Sarnacol®-2163		-15 °C (0 °F)			18 g/L
Sarnacol® AD Board Adhesive		4 °C (40 °F)			32 g/L
Sarnacol® OM Board Adhesive		-18 °C to 18 °C (0 °F to 65 °F)			11 g/L
Sarnacol® OM Board Adhesive WG		600 sqft / Case <sup>4</sup>			50 g/L
Board Adhesive Product	Packaging	Coverage Rate	Approved Substrates:		
Sarnacol® LRA	Case: 4 - 1.5 L Cartridge	600 sqft / Case <sup>4</sup>	Approved Sika Vapour Retarders, Sarnatherm, Sarnatherm CG, Sarnatherm HD Roof Board, DensDeck Prime, Concrete, Cellular Concrete, Mineral Surface Asphalt, Aged Smooth Asphalt		
Sarnacol®-2163	Case: 4 - 1.5 L Cartridge	600 sqft / Case <sup>4</sup>			
Sarnacol® AD Board Adhesive	Bag in Box Kit: Part A & Part B - 18.9 L (5 US Gal) each.	2,500 - 3,000 sqft / kit <sup>4</sup>			
Sarnacol® OM Board Adhesive	Case: 4 - 1.5 L Cartridge	600 sqft / case <sup>4</sup>			
	Bag in Box Kit: Part A & Part B - 18.9 L (5 US Gal) each.	2,500 - 3,000 sqft / kit <sup>4</sup>			
Sarnacol® OM Board Adhesive WG	Case: 4 - 1.5 L Cartridge	600 sqft / case <sup>4</sup>			

**Notes:**

- <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> Feltback Membrane only except Bareback Membrane is acceptable over smooth concrete.
- <sup>3</sup> Coverage rates 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 affect listed values.
- <sup>4</sup> Coverage based on 12" o.c. bead spacing.

For up to date and accurate information, please consult the current Product Data Sheet for all Sika products at [www.sika.ca](http://www.sika.ca)