SOLAR INNOVATIONS®
ARCHITECTURAL GLAZING SYSTEMS

Pan Flashing Skylight In-House Thermal Simulations

Cardinal Glazing

[272-Clear] [3/16" - 5/16" (.060 PVB)] U-Value: 0.35, SHGC: 0.40

SI5206 Pan Flashing (RGB)				SI5206 Pan Flashing (2" x 4")				SI5206 Pan Flashing (HGB)				SI5206 Pan Flashing (2" x 8")				SI5206 Pan Flashing (2" x 10")			
U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation
0.51	0.32	0.53	53	0.52	0.33	0.53	54	0.53	0.33	0.54	56	0.54	0.32	0.53	58	0.54	0.32	0.53	58

[272-i89] [3/16" - 5/16" (.060 PVB)] U-Value: 0.35, SHGC: 0.28

SI5206 Pan Flashing (RGB)				SI5206 Pan Flashing (2" x 4")				SI5206 Pan Flashing (HGB)				SI5206 Pan Flashing (2" x 8")				SI5206 Pan Flashing (2" x 10")			
U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation
0.45	0.32	0.52	50	0.46	0.32	0.54	50	0.47	0.32	0.53	50	0.48	0.31	0.52	50	0.48	0.32	0.52	50

[366-Clear] [3/16" - 5/16" (.060 PVB)] U-Value: 0.35, SHGC: 0.28

SI5206 Pan Flashing (RGB)				SI5206 Pan Flashing (2" x 4")				SI5206 Pan Flashing (HGB)				SI5206 Pan Flashing (2" x 8")				SI5206 Pan Flashing (2" x 10")			
U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation
0.51	0.23	0.49	55	0.50	0.23	0.49	55	0.51	0.23	0.49	57	0.53	0.22	0.48	59	0.53	0.22	0.48	59

[366 - i89] [3/16" - 5/16" (.060 PVB)] U-Value: 0.28, SHGC: 0.27

SI5206 Pan Flashing (RGB)				SI5206 Pan Flashing (2" x 4")				SI5206 Pan Flashing (HGB)				SI5206 Pan Flashing (2" x 8")				SI5206 Pan Flashing (2" x 10")			
U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation
0.46	0.22	0.47	50	0.47	0.22	0.48	50	0.48	0.22	0.48	50	0.49	0.22	0.47	50	0.49	0.21	0.47	50

Vitro Glazing

[Solarban 60-Clear] [3/16" - 5/16" (.060 PVB)] U-Value: 0.35, SHGC: 0.39

SI5206 Pan Flashing (RGB)				SI5206 Pan Flashing (2" x 4")				SI5206 Pan Flashing (HGB)				SI5206 Pan Flashing (2" x 8")				SI5206 Pan Flashing (2" x 10")			
U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation
0.51	0.31	0.54	53	0.51	0.32	0.55	54	0.53	0.32	0.55	56	0.54	0.31	0.54	57	0.54	0.31	0.54	58

[Solarban 70-Clear] [3/16" - 5/16" (.060 PVB)] U-Value: 0.35, SHGC: 0.28

SI5206 Pan Flashing (RGB)				SI5206 Pan Flashing (2" x 4")				SI5206 Pan Flashing (HGB)				SI5206 Pan Flashing (2" x 8")				SI5206 Pan Flashing (2" x 10")			
U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation
0.49	0.22	0.47	54	0.50	0.23	0.48	55	0.51	0.22	0.48	58	0.52	0.22	0.47	59	0.53	0.22	0.47	59

Guardian Glazing

[SN68-Clear] [3/16" - 5/16" (.060 PVB)] U-Value: 0.35, SHGC: 0.37

SI5206 Pan Flashing (RGB)				SI5206 Pan Flashing (2" x 4")				SI5206 Pan Flashing (HGB)				SI5206 Pan Flashing (2" x 8")				SI5206 Pan Flashing (2" x 10")			
U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation	U-Value	SHGC	VT	Condensation
0.50	0.30	0.51	54	0.51	0.30	0.52	55	0.52	0.30	0.52	57	0.53	0.30	0.51	59	0.53	0.30	0.51	59

Note: Not all configurations shown are NFRC Certified products. Solar Innovations, Inc. is not a NFRC accredited certified simulation laboratory. Results listed are for reference only. Actual NFRC values may vary. Units were modeled to NFRC -100, NFRC-200, and NFRC-500 standards using the standard size for each unit. All values are calculated using Windows 6.3 / THERM 6.3 programs by Lawrence Berkeley National Laboratory. Custom glass thermal simulations are available upon customer request.