

Lift-Slide Door In-House Thermal Simulations

Cardinal Glazing				
[272-Clear] [¼" - ¼" Double-Pane Glazing]				
Generaton 3 Thermally Broken				
Interlock	U-Value	SHGC	VT	Condensation
Hook-Hook	0.41	0.31	0.52	44
Hurricane Hook	0.42	0.31	0.52	46
[272-i89] [¼" - ¼" Double-Pane Glazing]				
Generaton 3 Thermally Broken				
Interlock	U-Value	SHGC	VT	Condensation
Hook-Hook	0.37	0.30	0.51	42
Hurricane Hook	0.38	0.30	0.51	43
[366-Clear] [¼" - ¼" Double-Pane Glazing]				
Generaton 3 Thermally Broken				
Interlock	U-Value	SHGC	VT	Condensation
Hook-Hook	0.40	0.21	0.47	44
Hurricane Hook	0.41	0.21	0.47	46
[366 - i89] [¼" - ¼" Double-Pane Glazing]				
Generaton 3 Thermally Broken				
Interlock	U-Value	SHGC	VT	Condensation
Hook-Hook	0.36	0.21	0.46	42
Hurricane Hook	0.37	0.21	0.46	43
[366 - 180 - i89] [¾/16" - ¾/16" - ¾/16" Triple-Pane Glazing]				
Generaton 3 Thermally Broken				
Interlock	U-Value	SHGC	VT	Condensation
Hook-Hook	0.30	0.19	0.42	45
Hurricane Hook	0.31	0.19	0.42	46
Vitro Glazing				
[Solarban 60-Clear] [¼" - ¼" Double-Pane Glazing]				
Generaton 3 Thermally Broken				
Interlock	U-Value	SHGC	VT	Condensation
Hook-Hook	0.41	0.30	0.53	44
Hurricane Hook	0.42	0.30	0.53	46
[Solarban 70-Clear] [¼" - ¼" Double-Pane Glazing]				
Generaton 3 Thermally Broken				
Interlock	U-Value	SHGC	VT	Condensation
Hook-Hook	0.40	0.21	0.47	44
Hurricane Hook	0.41	0.21	0.47	46
Guardian Glazing				
[SN68-Clear] [¼" - ¼" Double-Pane Glazing]				
Generaton 3 Thermally Broken				
Interlock	U-Value	SHGC	VT	Condensation
Hook-Hook	0.41	0.29	0.51	44
Hurricane Hook	0.42	0.29	0.51	46

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.