

Slide & Stack Wall In-House Thermal Simulations

| Cardinal Glazing | | | | | | | | | | | | |
|--|---------|------|------|--------------|---------|------|------|--------------|------------|------|------|--------------|
| [272-Clear] [¼" - ¼" Double-Pane Glazing] | | | | | | | | | | | | |
| G2 Regular | | | | | G3 LT | | | | G3 Regular | | | |
| Sill | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation |
| Recessed Flush Hat | 0.49 | 0.25 | 0.41 | 30 | 0.41 | 0.25 | 0.40 | 43 | 0.45 | 0.25 | 0.40 | 39 |
| [272-i89] [¼" - ¼" Double-Pane Glazing] | | | | | | | | | | | | |
| G2 Regular | | | | | G3 LT | | | | G3 Regular | | | |
| Sill | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation |
| Recessed Flush Hat | 0.45 | 0.25 | 0.40 | 30 | 0.38 | 0.24 | 0.39 | 43 | 0.42 | 0.24 | 0.39 | 39 |
| [366-Clear] [¼" - ¼" Double-Pane Glazing] | | | | | | | | | | | | |
| G2 Regular | | | | | G3 LT | | | | G3 Regular | | | |
| Sill | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation |
| Recessed Flush Hat | 0.48 | 0.18 | 0.36 | 30 | 0.41 | 0.17 | 0.36 | 43 | 0.45 | 0.17 | 0.36 | 39 |
| [366 - i89] [¼" - ¼" Double-Pane Glazing] | | | | | | | | | | | | |
| G2 Regular | | | | | G3 LT | | | | G3 Regular | | | |
| Sill | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation |
| Recessed Flush Hat | 0.45 | 0.18 | 0.36 | 30 | 0.38 | 0.17 | 0.35 | 43 | 0.42 | 0.17 | 0.35 | 39 |
| [366 - 180 - i89] [¾" - ¾" - ¾" Triple-Pane Glazing] | | | | | | | | | | | | |
| G2 Regular | | | | | G3 LT | | | | G3 Regular | | | |
| Sill | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation |
| Recessed Flush Hat | 0.41 | 0.16 | 0.31 | 30 | 0.33 | 0.15 | 0.31 | 42 | 0.36 | 0.16 | 0.32 | 42 |
| Vitro Glazing | | | | | | | | | | | | |
| [Solarban 60-Clear] [¼" - ¼" Double-Pane Glazing] | | | | | | | | | | | | |
| G2 Regular | | | | | G3 LT | | | | G3 Regular | | | |
| Sill | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation |
| Recessed Flush Hat | 0.49 | 0.25 | 0.41 | 30 | 0.41 | 0.24 | 0.40 | 43 | 0.45 | 0.24 | 0.40 | 39 |
| [Solarban 70-Clear] [¼" - ¼" Double-Pane Glazing] | | | | | | | | | | | | |
| G2 Regular | | | | | G3 LT | | | | G3 Regular | | | |
| Sill | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation |
| Recessed Flush Hat | 0.48 | 0.18 | 0.37 | 30 | 0.41 | 0.17 | 0.37 | 43 | 0.45 | 0.17 | 0.36 | 39 |
| Guardian Glazing | | | | | | | | | | | | |
| [SN68-Clear] [¼" - ¼" Double-Pane Glazing] | | | | | | | | | | | | |
| G2 Regular | | | | | G3 LT | | | | G3 Regular | | | |
| Sill | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation | U-Value | SHGC | VT | Condensation |
| Recessed Flush Hat | 0.49 | 0.24 | 0.39 | 30 | 0.41 | 0.23 | 0.39 | 43 | 0.45 | 0.24 | 0.39 | 39 |

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.