

# Sun Windows, Inc.

## Product Performance Data

Clad Thermal Performance (Cardinal 270, 366, E180 and i89 )

NFRC 100/200/500

### SunClad Double Hung

| Product                              | Grid Type | azir | Glas | Glazing Description           | U-Value | R-Value | SHGC | VT   | CR |
|--------------------------------------|-----------|------|------|-------------------------------|---------|---------|------|------|----|
| USA Easy Tilt/Comfort tilt/Sash Pack | N         | DG   | D    | 3/4" I.G.; 270 #2/Clr         | 0.33    | 3.03    | 0.29 | 0.54 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | N         | DG   | D    | 3/4" I.G.; 270 #2/i89 #4      | 0.29    | 3.45    | 0.28 | 0.52 | 48 |
| USA Easy Tilt/Comfort tilt/Sash Pack | N         | DG   | D    | 3/4" I.G.; Bronze Tint/270 #3 | 0.33    | 3.03    | 0.28 | 0.40 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | N         | DG   | D    | 3/4" I.G.; 366 #2/Clr         | 0.32    | 3.13    | 0.21 | 0.50 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | N         | DG   | D    | 3/4" I.G.; 366 #2/i89 #4      | 0.29    | 3.45    | 0.21 | 0.48 | 48 |
| USA Easy Tilt/Comfort tilt/Sash Pack | N         | DG   | D    | 3/4" I.G.; Bronze tint/366 #3 | 0.32    | 3.13    | 0.24 | 0.37 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | GBG       | DG   | D    | 3/4" I.G.; 270 #2/Clr         | 0.34    | 2.94    | 0.26 | 0.48 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | GBG       | DG   | D    | 3/4" I.G.; 270 #2/i89 #4      | 0.30    | 3.33    | 0.25 | 0.47 | 48 |
| USA Easy Tilt/Comfort tilt/Sash Pack | GBG       | DG   | D    | 3/4" I.G.; Bronze Tint/270 #3 | 0.34    | 2.94    | 0.26 | 0.36 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | GBG       | DG   | D    | 3/4" I.G.; 366 #2/Clr         | 0.34    | 2.94    | 0.19 | 0.44 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | GBG       | DG   | D    | 3/4" I.G.; 366 #2/i89 #4      | 0.30    | 3.33    | 0.19 | 0.43 | 48 |
| USA Easy Tilt/Comfort tilt/Sash Pack | GBG       | DG   | D    | 3/4" I.G.; Bronze tint/366 #3 | 0.34    | 2.94    | 0.22 | 0.33 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | 5/8" SDL  | DG   | D    | 3/4" I.G.; 270 #2/Clr         | 0.34    | 2.94    | 0.26 | 0.48 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | 5/8" SDL  | DG   | D    | 3/4" I.G.; 270 #2/i89 #4      | 0.30    | 3.33    | 0.25 | 0.47 | 48 |
| USA Easy Tilt/Comfort tilt/Sash Pack | 5/8" SDL  | DG   | D    | 3/4" I.G.; Bronze Tint/270 #3 | 0.34    | 2.94    | 0.26 | 0.36 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | 5/8" SDL  | DG   | D    | 3/4" I.G.; 366 #2/Clr         | 0.34    | 2.94    | 0.19 | 0.44 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | 5/8" SDL  | DG   | D    | 3/4" I.G.; 366 #2/i89 #4      | 0.30    | 3.33    | 0.19 | 0.43 | 48 |
| USA Easy Tilt/Comfort tilt/Sash Pack | 5/8" SDL  | DG   | D    | 3/4" I.G.; Bronze tint/366 #3 | 0.34    | 2.94    | 0.22 | 0.33 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | >=1" SDL  | DG   | D    | 3/4" I.G.; 270 #2/Clr         | 0.34    | 2.94    | 0.23 | 0.42 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | >=1" SDL  | DG   | D    | 3/4" I.G.; 270 #2/i89 #4      | 0.30    | 3.33    | 0.23 | 0.41 | 48 |
| USA Easy Tilt/Comfort tilt/Sash Pack | >=1" SDL  | DG   | D    | 3/4" I.G.; Bronze Tint/270 #3 | 0.34    | 2.94    | 0.23 | 0.32 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | >=1" SDL  | DG   | D    | 3/4" I.G.; 366 #2/Clr         | 0.34    | 2.94    | 0.17 | 0.39 | 59 |
| USA Easy Tilt/Comfort tilt/Sash Pack | >=1" SDL  | DG   | D    | 3/4" I.G.; 366 #2/i89 #4      | 0.30    | 3.33    | 0.17 | 0.38 | 48 |
| USA Easy Tilt/Comfort tilt/Sash Pack | >=1" SDL  | DG   | D    | 3/4" I.G.; Bronze tint/366 #3 | 0.34    | 2.94    | 0.20 | 0.29 | 59 |

\* all simulations are 90% Argon filled, unless noted otherwise

\*\*"DG" = Dual Glazed; "TG" = Triple Glazed

Glass codes(nominal): "D" - double strength(.117"/3.0mm), "T" - triple strength(.187"/5.0mm)

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