

Thermal Performance Data


Premium Coastal Direct-Set Windows (1309)

WEATHER SHIELD.
WINDOWS & DOORS

| ENERGY PERFORMANCE DATA | | | | | | | | ENERGY STAR | | | |
|---|-------------------|-----------------------------------|-----------------------|---------|-----------------------------|-----------------------------|--------------------------------|----------------------|----|----|---|
| NFRC Total Unit Calculations ^a | | | | | | | | US ENERGY STAR V 6.0 | | | |
| Grille Option | Glazing thickness | Glazing Option | CPD # | U Value | Solar Heat Gain Coefficient | Visible Light Transmittance | Condensation Resistance Rating | N | NC | SC | S |
| Single Glaze Impact | | | | | | | | | | | |
| No SDL | 7/16" | Clear - PVB | WEA-N-281-01481-00001 | 0.86 | 0.25 | 0.32 | 15 | | | | |
| | 7/16" | Low-E 340 - PVB | WEA-N-281-01483-00001 | 0.86 | 0.25 | 0.32 | 15 | | | | |
| | 7/16" | Low-E 366 - PVB | WEA-N-281-01482-00001 | 0.86 | 0.30 | 0.52 | 15 | | | | |
| | 9/16" | Clear - SGP Annealed | WEA-N-281-01485-00001 | 0.86 | 0.62 | 0.72 | 15 | | | | |
| | 9/16" | Low-E 340 - SGP Annealed | WEA-N-281-01487-00001 | 0.86 | 0.26 | 0.46 | 15 | | | | |
| | 9/16" | Low-E 366 - SGP Annealed | WEA-N-281-01486-00001 | 0.86 | 0.30 | 0.40 | 15 | | | | |
| | 9/16" | Clear - SGP Heat Strengthened | WEA-N-281-01485-00001 | 0.86 | 0.62 | 0.72 | 15 | | | | |
| | 9/16" | Low-E 340 - SGP Heat Strengthened | WEA-N-281-01487-00001 | 0.86 | 0.26 | 0.46 | 15 | | | | |
| | 9/16" | Low-E 366 - SGP Heat Strengthened | WEA-N-281-01486-00001 | 0.86 | 0.30 | 0.40 | 15 | | | | |
| Less Than 1" SDL | 7/16" | Clear - PVB | WEA-N-281-01481-00004 | 0.86 | 0.23 | 0.29 | 15 | | | | |
| | 7/16" | Low-E 340 - PVB | WEA-N-281-01483-00004 | 0.86 | 0.23 | 0.29 | 15 | | | | |
| | 7/16" | Low-E 366 - PVB | WEA-N-281-01482-00004 | 0.86 | 0.27 | 0.47 | 15 | | | | |
| | 9/16" | Clear - SGP Annealed | WEA-N-281-01485-00004 | 0.86 | 0.56 | 0.65 | 15 | | | | |
| | 9/16" | Low-E 340 - SGP Annealed | WEA-N-281-01487-00004 | 0.86 | 0.23 | 0.32 | 15 | | | | |
| | 9/16" | Low-E 366 - SGP Annealed | WEA-N-281-01486-00004 | 0.86 | 0.28 | 0.44 | 15 | | | | |
| | 9/16" | Clear - SGP Heat Strengthened | WEA-N-281-01485-00004 | 0.86 | 0.56 | 0.65 | 15 | | | | |
| | 9/16" | Low-E 340 - SGP Heat Strengthened | WEA-N-281-01487-00004 | 0.86 | 0.23 | 0.32 | 15 | | | | |
| | 9/16" | Low-E 366 - SGP Heat Strengthened | WEA-N-281-01486-00004 | 0.86 | 0.28 | 0.44 | 15 | | | | |
| 1" Or Over SDL | 7/16" | Clear - PVB | WEA-N-281-01481-00005 | 0.86 | 0.21 | 0.26 | 15 | | | | |
| | 7/16" | Low-E 340 - PVB | WEA-N-281-01483-00005 | 0.86 | 0.21 | 0.26 | 15 | | | | |
| | 7/16" | Low-E 366 - PVB | WEA-N-281-01482-00005 | 0.86 | 0.25 | 0.42 | 15 | | | | |
| | 9/16" | Clear - SGP Annealed | WEA-N-281-01485-00005 | 0.86 | 0.50 | 0.58 | 15 | | | | |
| | 9/16" | Low-E 340 - SGP Annealed | WEA-N-281-01487-00005 | 0.86 | 0.21 | 0.25 | 15 | | | | |
| | 9/16" | Low-E 366 - SGP Annealed | WEA-N-281-01486-00005 | 0.86 | 0.25 | 0.39 | 15 | | | | |
| | 9/16" | Clear - SGP Heat Strengthened | WEA-N-281-01485-00005 | 0.86 | 0.50 | 0.58 | 15 | | | | |
| | 9/16" | Low-E 340 - SGP Heat Strengthened | WEA-N-281-01487-00005 | 0.86 | 0.21 | 0.25 | 15 | | | | |
| | 9/16" | Low-E 366 - SGP Heat Strengthened | WEA-N-281-01486-00005 | 0.86 | 0.25 | 0.39 | 15 | | | | |

^a Total Unit calculations are derived from computer simulations that are then verified by 3rd party testing in accordance with NFRC 100-2004, NFRC 200-2004, and NFRC 500-2004.

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| US Qualification Criteria | Climate Zone | U-Factor | *SHGC | |
|---|---------------|----------|--------|-------------------------------|
|  As of January 2016 | Northern | <=0.27 | Any | Prescriptive |
| | | =0.28 | >=0.32 | Equivalent Energy Performance |
| | | =0.29 | >=0.37 | |
| | | =0.30 | >=0.42 | |
| | North-Central | <=0.30 | <=0.40 | |
| | South-Central | <=0.30 | <=0.25 | |
| | Southern | <=0.40 | <=0.25 | |

* SHGC = Solar Heat Gain Coefficient
Air Leakage <= 0.3 cfm/ft²