


Thermal Performance Data

Premium Coastal DH Transom Windows (1111)


WEATHER SHIELD.

WINDOWS & DOORS

| ENERGY PERFORMANCE DATA | | | | | | | | |
|---|-------------------|-------------------------|-----------------------|---------|-----------------------------|-----------------------------|--------------------------------|--|
| NFRC Total Unit Calculations ^a | | | | | | | | |
| Grille Option | Glazing thickness | Glazing Option | CPD # | U Value | Solar Heat Gain Coefficient | Visible Light Transmittance | Condensation Resistance Rating |  US ENERGY STAR V 6.0 N NC SC S |
| Insulated Impact | | | | | | | | |
| No GIA or SDL | 3/4" | Clear Insul | WEA-N-291-01170-00001 | 0.47 | 0.52 | 0.60 | 44 | |
| | 3/4" | Insul Low-E 272 | WEA-N-291-01172-00001 | 0.36 | 0.31 | 0.52 | 53 | |
| | 3/4" | Insul Low E 272 w/Argon | WEA-N-291-01172-00001 | 0.36 | 0.31 | 0.52 | 53 | |
| | 3/4" | Insul Low E 340 | WEA-N-291-01176-00001 | 0.36 | 0.15 | 0.28 | 53 | Y |
| | 3/4" | insul Low E 340 w/Argon | WEA-N-291-01176-00001 | 0.36 | 0.15 | 0.28 | 53 | Y |
| | 3/4" | Insul Low-E 240 | WEA-N-291-01178-00001 | 0.36 | 0.20 | 0.28 | 53 | Y |
| | 3/4" | Insul Low-E 240 w/Argon | WEA-N-291-01178-00001 | 0.36 | 0.20 | 0.28 | 53 | Y |
| | 3/4" | Insul Low E 366 w/Argon | WEA-N-291-01174-00001 | 0.36 | 0.22 | 0.47 | 53 | Y |
| Less Than 1" GIA or SDL | 3/4" | Clear Insul | WEA-N-291-01171-00001 | 0.49 | 0.47 | 0.53 | 44 | |
| | 3/4" | Insul Low-E 272 | WEA-N-291-01173-00001 | 0.39 | 0.28 | 0.46 | 53 | |
| | 3/4" | Insul Low E 272 w/Argon | WEA-N-291-01173-00001 | 0.39 | 0.28 | 0.46 | 53 | |
| | 3/4" | Insul Low E 340 | WEA-N-291-01177-00001 | 0.39 | 0.14 | 0.25 | 53 | Y |
| | 3/4" | insul Low E 340 w/Argon | WEA-N-291-01177-00001 | 0.39 | 0.14 | 0.25 | 53 | Y |
| | 3/4" | Insul Low-E 240 | WEA-N-291-01179-00001 | 0.39 | 0.18 | 0.25 | 53 | Y |
| | 3/4" | Insul Low-E 240 w/Argon | WEA-N-291-01179-00001 | 0.39 | 0.18 | 0.25 | 53 | Y |
| | 3/4" | Insul Low E 366 w/Argon | WEA-N-291-01175-00001 | 0.39 | 0.20 | 0.42 | 53 | Y |
| 1" Or Over GIA or SDL | 3/4" | Clear Insul | WEA-N-291-01171-00002 | 0.49 | 0.42 | 0.47 | 44 | |
| | 3/4" | Insul Low-E 272 | WEA-N-291-01173-00002 | 0.39 | 0.25 | 0.41 | 53 | Y |
| | 3/4" | Insul Low E 272 w/Argon | WEA-N-291-01173-00002 | 0.39 | 0.25 | 0.41 | 53 | Y |
| | 3/4" | Insul Low E 340 | WEA-N-291-01177-00002 | 0.39 | 0.13 | 0.22 | 53 | Y |
| | 3/4" | insul Low E 340 w/Argon | WEA-N-291-01177-00002 | 0.39 | 0.13 | 0.22 | 53 | Y |
| | 3/4" | Insul Low-E 240 | WEA-N-291-01179-00002 | 0.39 | 0.16 | 0.22 | 53 | Y |
| | 3/4" | Insul Low-E 240 w/Argon | WEA-N-291-01179-00002 | 0.39 | 0.16 | 0.22 | 53 | Y |
| | 3/4" | Insul Low E 366 w/Argon | WEA-N-291-01175-00002 | 0.39 | 0.18 | 0.37 | 53 | Y |

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

Revised 5/31/19

| 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