



Manufacturer's Certification Statement

TAX CREDITS FOR ENERGY EFFICIENT PRODUCTS

This **Manufacturer's Certification Statement** can be relied upon by you, the taxpayer, for verification that certain Polaris Windows and Doors that are ENERGY STAR® version 6.0 qualified for the climate zone in which they are installed, may be eligible for tax credits under Section 25C of the Internal Revenue Code as amended by The Bipartisan Budget Act of 2018.

This certification statement should be retained by the taxpayer as it may be requested by the Internal Revenue Service (IRS). It is also necessary for taxpayers to retain the purchase receipt and the NFRC label for each eligible window or door.

Polaris Windows & Doors is not a tax advisor and Homeowners should consult with their tax professional to confirm that they qualify for the tax credit. The extension of the tax credit for energy efficient windows and doors has rules that may restrict eligibility depending on previous tax credits claimed for windows and doors.

Please refer to the following website for additional information on the tax credit:

https://www.energystar.gov/about/federal_tax_credits

Polaris Windows & Doors hereby certifies that by following the ENERGY STAR® qualification chart attached, the products listed in the corresponding ENERGY STAR® zone qualify for the tax credit allowed under Internal Revenue Code Section 25C, when installed as an exterior window or door.

The 2017 tax credit extension applies to products purchased and installed from January 1st, 2017 to December 31st, 2017. This document is only intended to certify that Polaris Windows & Doors offers ENERGY STAR® qualified options, and not as an assurance that a homeowner will qualify for the tax credit. Polaris Windows & Doors assumes no liability regarding the homeowner's ability to obtain any tax credit.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

A handwritten signature in blue ink, appearing to read "Michael Graham", is positioned above the printed name.

Michael Graham
Vice President of Manufacturing
Polaris Windows & Doors



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Intercept Spacer

| Double Pane | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|---|-----------------------------|------|----|----|---|----|----|---|-----------------------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ³ | | | | | | | | Supreme ³ Triple | | | | | | | | Ultimate ³ | | | | Ultimate ³ Plus | | | | | | | | | | | |
| C/7036-AR | | | | | | | | C/C/7036-AR | | | | | | | | C/7036/7036-AR | | | | C/7036/7036-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.28 | 0.42 | 0.60 | 59 | | | | 0.22 | 0.39 | 0.55 | 66 | | | | 0.17 | 0.34 | 0.47 | 71 | | | | 0.15 | 0.34 | 0.47 | 73 | | | | |
| | | Grid | 0.28 | 0.38 | 0.54 | 59 | | | | 0.22 | 0.36 | 0.49 | 66 | | | | 0.17 | 0.31 | 0.42 | 71 | | | | 0.15 | 0.31 | 0.42 | 73 | | | | |
| | 3 mm | No Grid | 0.27 | 0.42 | 0.60 | 59 | | | | 0.23 | 0.39 | 0.55 | 65 | | | | 0.18 | 0.34 | 0.47 | 70 | | | | 0.15 | 0.34 | 0.47 | 72 | | | | |
| | | Grid | 0.27 | 0.38 | 0.54 | 59 | | | | 0.23 | 0.35 | 0.49 | 65 | | | | 0.18 | 0.30 | 0.42 | 70 | | | | 0.15 | 0.31 | 0.42 | 72 | | | | |
| | 4 mm | No Grid | 0.27 | 0.41 | 0.59 | 58 | | | | 0.24 | 0.39 | 0.54 | 63 | | | | 0.20 | 0.33 | 0.46 | 67 | | | | 0.15 | 0.33 | 0.46 | 71 | | | | |
| | | Grid | 0.27 | 0.37 | 0.53 | 58 | | | | 0.25 | 0.35 | 0.48 | 63 | | | | 0.20 | 0.30 | 0.41 | 67 | | | | 0.16 | 0.30 | 0.41 | 71 | | | | |
| ThermalWeld Plus | 2.5 mm | No Grid | 0.28 | 0.40 | 0.57 | 58 | | | | 0.22 | 0.38 | 0.53 | 65 | | | | 0.18 | 0.32 | 0.45 | 70 | | | | 0.16 | 0.33 | 0.45 | 72 | | | | |
| | | Grid | 0.28 | 0.36 | 0.51 | 58 | | | | 0.23 | 0.34 | 0.47 | 65 | | | | 0.18 | 0.29 | 0.40 | 70 | | | | 0.16 | 0.29 | 0.40 | 72 | | | | |
| | 3 mm | No Grid | 0.27 | 0.40 | 0.57 | 57 | | | | 0.23 | 0.37 | 0.52 | 63 | | | | 0.19 | 0.32 | 0.44 | 68 | | | | 0.15 | 0.32 | 0.44 | 70 | | | | |
| | | Grid | 0.27 | 0.36 | 0.51 | 57 | | | | 0.24 | 0.34 | 0.47 | 63 | | | | 0.19 | 0.29 | 0.40 | 68 | | | | 0.16 | 0.29 | 0.40 | 70 | | | | |
| | 4 mm | No Grid | 0.27 | 0.40 | 0.57 | 56 | | | | 0.24 | 0.37 | 0.52 | 62 | | | | 0.20 | 0.32 | 0.44 | 66 | | | | 0.16 | 0.32 | 0.44 | 69 | | | | |
| | | Grid | 0.27 | 0.36 | 0.51 | 56 | | | | 0.25 | 0.34 | 0.46 | 62 | | | | 0.20 | 0.29 | 0.39 | 66 | | | | 0.16 | 0.29 | 0.39 | 69 | | | | |
| DynaWeld | 2.5 mm | No Grid | 0.28 | 0.41 | 0.58 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.28 | 0.37 | 0.52 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 mm | No Grid | 0.28 | 0.41 | 0.58 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.28 | 0.37 | 0.52 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 mm | No Grid | 0.28 | 0.40 | 0.57 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.28 | 0.36 | 0.51 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | |

Casement Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.28 | 0.39 | 0.55 | 60 | | | | 0.22 | 0.36 | 0.50 | 67 | | | | 0.18 | 0.31 | 0.43 | 72 | | | | 0.16 | 0.31 | 0.43 | 72 | | | |
| | | Grid | 0.28 | 0.35 | 0.49 | 60 | | | | 0.23 | 0.33 | 0.45 | 67 | | | | 0.18 | 0.28 | 0.38 | 72 | | | | 0.16 | 0.28 | 0.38 | 72 | | | |
| | 3 mm | No Grid | 0.27 | 0.38 | 0.55 | 59 | | | | 0.23 | 0.36 | 0.50 | 66 | | | | 0.19 | 0.31 | 0.43 | 70 | | | | 0.16 | 0.31 | 0.43 | 72 | | | |
| | | Grid | 0.27 | 0.35 | 0.49 | 59 | | | | 0.24 | 0.32 | 0.45 | 66 | | | | 0.19 | 0.28 | 0.38 | 70 | | | | 0.16 | 0.28 | 0.38 | 72 | | | |
| | 4 mm | No Grid | 0.27 | 0.38 | 0.54 | 58 | | | | 0.24 | 0.36 | 0.49 | 64 | | | | 0.20 | 0.30 | 0.42 | 68 | | | | 0.16 | 0.31 | 0.42 | 72 | | | |
| | | Grid | 0.27 | 0.34 | 0.48 | 58 | | | | 0.25 | 0.32 | 0.44 | 64 | | | | 0.21 | 0.27 | 0.38 | 68 | | | | 0.17 | 0.28 | 0.38 | 72 | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Intercept Spacer

| Double Pane | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|---|-----------------------------|------|----|----|---|----|----|---|-----------------------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ³ | | | | | | | | Supreme ³ Triple | | | | | | | | Ultimate ³ | | | | Ultimate ³ Plus | | | | | | | | | | | |
| C/7036-AR | | | | | | | | C/C/7036-AR | | | | | | | | C/7036/7036-AR | | | | C/7036/7036-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Casement Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.33 | 0.47 | 59 | | | | 0.23 | 0.31 | 0.43 | 64 | | | | 0.19 | 0.27 | 0.36 | 69 | | | | 0.17 | 0.27 | 0.36 | 71 | | | | |
| | | Grid | 0.27 | 0.30 | 0.42 | 59 | | | | 0.23 | 0.28 | 0.39 | 64 | | | | 0.19 | 0.24 | 0.33 | 69 | | | | 0.17 | 0.24 | 0.33 | 71 | | | | |
| | 3 mm | No Grid | 0.27 | 0.33 | 0.46 | 58 | | | | 0.23 | 0.31 | 0.42 | 62 | | | | 0.20 | 0.26 | 0.36 | 67 | | | | 0.17 | 0.27 | 0.36 | 70 | | | | |
| | | Grid | 0.27 | 0.30 | 0.42 | 58 | | | | 0.24 | 0.28 | 0.38 | 62 | | | | 0.20 | 0.24 | 0.33 | 67 | | | | 0.17 | 0.24 | 0.33 | 70 | | | | |

Awning Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.33 | 0.47 | 56 | | | | 0.23 | 0.31 | 0.43 | 65 | | | | 0.19 | 0.27 | 0.36 | 69 | | | | 0.17 | 0.27 | 0.36 | 71 | | | | |
| | | Grid | 0.27 | 0.30 | 0.42 | 56 | | | | 0.23 | 0.28 | 0.39 | 65 | | | | 0.19 | 0.24 | 0.33 | 69 | | | | 0.17 | 0.24 | 0.33 | 71 | | | | |
| | 3 mm | No Grid | 0.27 | 0.33 | 0.46 | 55 | | | | 0.23 | 0.31 | 0.42 | 64 | | | | 0.20 | 0.26 | 0.36 | 67 | | | | 0.17 | 0.27 | 0.36 | 70 | | | | |
| | | Grid | 0.27 | 0.30 | 0.42 | 55 | | | | 0.24 | 0.28 | 0.38 | 64 | | | | 0.20 | 0.24 | 0.33 | 67 | | | | 0.17 | 0.24 | 0.33 | 70 | | | | |

Patio Door Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 3 mm | No Grid | 0.31 | 0.39 | 0.56 | 55 | | | | 0.28 | 0.37 | 0.51 | 57 | | | | 0.24 | 0.31 | 0.43 | 57 | | | | 0.19 | 0.32 | 0.43 | 57 | | | | |
| | | Grid | 0.31 | 0.35 | 0.49 | 55 | | | | 0.29 | 0.33 | 0.45 | 57 | | | | 0.24 | 0.28 | 0.38 | 57 | | | | 0.20 | 0.28 | 0.38 | 57 | | | | |
| ThermalWeld Plus | 3 mm | No Grid | 0.31 | 0.39 | 0.56 | 55 | | | | 0.27 | 0.37 | 0.51 | 58 | | | | 0.23 | 0.31 | 0.43 | 59 | | | | 0.19 | 0.32 | 0.43 | 59 | | | | |
| | | Grid | 0.31 | 0.35 | 0.49 | 55 | | | | 0.29 | 0.33 | 0.45 | 58 | | | | 0.24 | 0.28 | 0.38 | 59 | | | | 0.19 | 0.28 | 0.38 | 59 | | | | |
| DynaWeld | 3 mm | No Grid | 0.31 | 0.39 | 0.56 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.31 | 0.35 | 0.49 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Stainless Intercept

| Double Pane | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|---|-----------------------------|------|----|----|---|----|----|---|-----------------------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ³ | | | | | | | | Supreme ³ Triple | | | | | | | | Ultimate ³ | | | | Ultimate ³ Plus | | | | | | | | | | | |
| C/7036-AR | | | | | | | | C/C/7036-AR | | | | | | | | C/7036/7036-AR | | | | C/7036/7036-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.42 | 0.60 | 62 | | | | 0.21 | 0.39 | 0.55 | 69 | | | | 0.16 | 0.34 | 0.47 | 75 | | | | 0.14 | 0.34 | 0.47 | 77 | | | | |
| | | Grid | 0.27 | 0.38 | 0.54 | 62 | | | | 0.22 | 0.36 | 0.49 | 69 | | | | 0.17 | 0.31 | 0.42 | 75 | | | | 0.14 | 0.31 | 0.42 | 77 | | | | |
| | 3 mm | No Grid | 0.27 | 0.42 | 0.60 | 61 | | | | 0.22 | 0.39 | 0.55 | 68 | | | | 0.17 | 0.34 | 0.47 | 73 | | | | 0.14 | 0.34 | 0.47 | 77 | | | | |
| | | Grid | 0.27 | 0.38 | 0.54 | 61 | | | | 0.22 | 0.35 | 0.49 | 68 | | | | 0.18 | 0.30 | 0.42 | 73 | | | | 0.14 | 0.31 | 0.42 | 77 | | | | |
| | 4 mm | No Grid | 0.27 | 0.41 | 0.59 | 60 | | | | 0.23 | 0.39 | 0.54 | 66 | | | | 0.19 | 0.33 | 0.46 | 71 | | | | 0.15 | 0.33 | 0.46 | 75 | | | | |
| | | Grid | 0.27 | 0.37 | 0.53 | 60 | | | | 0.24 | 0.35 | 0.48 | 66 | | | | 0.19 | 0.30 | 0.41 | 71 | | | | 0.15 | 0.30 | 0.41 | 75 | | | | |
| ThermalWeld Plus | 2.5 mm | No Grid | 0.27 | 0.40 | 0.57 | 61 | | | | 0.22 | 0.38 | 0.53 | 67 | | | | 0.17 | 0.32 | 0.45 | 73 | | | | 0.15 | 0.33 | 0.45 | 75 | | | | |
| | | Grid | 0.27 | 0.36 | 0.51 | 61 | | | | 0.22 | 0.34 | 0.47 | 67 | | | | 0.17 | 0.29 | 0.40 | 73 | | | | 0.15 | 0.29 | 0.40 | 75 | | | | |
| | 3 mm | No Grid | 0.27 | 0.40 | 0.57 | 60 | | | | 0.22 | 0.37 | 0.52 | 66 | | | | 0.18 | 0.32 | 0.44 | 71 | | | | 0.15 | 0.32 | 0.44 | 75 | | | | |
| | | Grid | 0.27 | 0.36 | 0.51 | 60 | | | | 0.23 | 0.34 | 0.47 | 66 | | | | 0.18 | 0.29 | 0.40 | 71 | | | | 0.15 | 0.29 | 0.40 | 75 | | | | |
| | 4 mm | No Grid | 0.27 | 0.40 | 0.57 | 59 | | | | 0.24 | 0.37 | 0.52 | 64 | | | | 0.19 | 0.32 | 0.44 | 69 | | | | 0.15 | 0.32 | 0.44 | 73 | | | | |
| | | Grid | 0.27 | 0.36 | 0.51 | 59 | | | | 0.25 | 0.34 | 0.46 | 64 | | | | 0.20 | 0.29 | 0.39 | 69 | | | | 0.15 | 0.29 | 0.39 | 73 | | | | |
| DynaWeld | 2.5 mm | No Grid | 0.28 | 0.41 | 0.58 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.28 | 0.37 | 0.52 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 mm | No Grid | 0.27 | 0.41 | 0.58 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.27 | 0.37 | 0.52 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 mm | No Grid | 0.27 | 0.40 | 0.57 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.27 | 0.36 | 0.51 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | |

Casement Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.39 | 0.55 | 62 | | | | 0.22 | 0.36 | 0.50 | 70 | | | | 0.17 | 0.31 | 0.43 | 74 | | | | 0.15 | 0.31 | 0.43 | 74 | | | |
| | | Grid | 0.27 | 0.35 | 0.49 | 62 | | | | 0.22 | 0.33 | 0.45 | 70 | | | | 0.18 | 0.28 | 0.38 | 74 | | | | 0.15 | 0.28 | 0.38 | 74 | | | |
| | 3 mm | No Grid | 0.27 | 0.38 | 0.55 | 62 | | | | 0.22 | 0.36 | 0.50 | 68 | | | | 0.18 | 0.31 | 0.43 | 74 | | | | 0.15 | 0.31 | 0.43 | 74 | | | |
| | | Grid | 0.27 | 0.35 | 0.49 | 62 | | | | 0.23 | 0.32 | 0.45 | 68 | | | | 0.19 | 0.28 | 0.38 | 74 | | | | 0.15 | 0.28 | 0.38 | 74 | | | |
| | 4 mm | No Grid | 0.26 | 0.38 | 0.54 | 61 | | | | 0.24 | 0.36 | 0.49 | 67 | | | | 0.19 | 0.30 | 0.42 | 72 | | | | 0.16 | 0.31 | 0.42 | 74 | | | |
| | | Grid | 0.26 | 0.34 | 0.48 | 61 | | | | 0.25 | 0.32 | 0.44 | 67 | | | | 0.20 | 0.27 | 0.38 | 72 | | | | 0.16 | 0.28 | 0.38 | 74 | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Stainless Intercept

| Double Pane | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|---|-----------------------------|------|----|----|---|----|----|---|-----------------------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ³ | | | | | | | | Supreme ³ Triple | | | | | | | | Ultimate ³ | | | | Ultimate ³ Plus | | | | | | | | | | | |
| C/7036-AR | | | | | | | | C/C/7036-AR | | | | | | | | C/7036/7036-AR | | | | C/7036/7036-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Casement Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.26 | 0.33 | 0.47 | 61 | | | | 0.22 | 0.31 | 0.43 | 67 | | | | 0.18 | 0.27 | 0.36 | 73 | | | | 0.16 | 0.27 | 0.36 | 75 | | | | |
| | | Grid | 0.26 | 0.30 | 0.42 | 61 | | | | 0.22 | 0.28 | 0.39 | 67 | | | | 0.18 | 0.24 | 0.33 | 73 | | | | 0.16 | 0.24 | 0.33 | 75 | | | | |
| | 3 mm | No Grid | 0.26 | 0.33 | 0.46 | 61 | | | | 0.22 | 0.31 | 0.42 | 65 | | | | 0.19 | 0.26 | 0.36 | 71 | | | | 0.16 | 0.27 | 0.36 | 74 | | | | |
| | | Grid | 0.26 | 0.30 | 0.42 | 61 | | | | 0.23 | 0.28 | 0.38 | 65 | | | | 0.19 | 0.24 | 0.33 | 71 | | | | 0.16 | 0.24 | 0.33 | 74 | | | | |

Awning Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.26 | 0.33 | 0.47 | 57 | | | | 0.22 | 0.31 | 0.43 | 67 | | | | 0.18 | 0.27 | 0.36 | 72 | | | | 0.16 | 0.27 | 0.36 | 75 | | | | |
| | | Grid | 0.26 | 0.30 | 0.42 | 57 | | | | 0.22 | 0.28 | 0.39 | 68 | | | | 0.18 | 0.24 | 0.33 | 72 | | | | 0.16 | 0.24 | 0.33 | 75 | | | | |
| | 3 mm | No Grid | 0.26 | 0.33 | 0.46 | 57 | | | | 0.23 | 0.31 | 0.42 | 66 | | | | 0.19 | 0.26 | 0.36 | 71 | | | | 0.16 | 0.27 | 0.36 | 74 | | | | |
| | | Grid | 0.26 | 0.30 | 0.42 | 57 | | | | 0.23 | 0.28 | 0.38 | 66 | | | | 0.19 | 0.24 | 0.33 | 71 | | | | 0.16 | 0.24 | 0.33 | 74 | | | | |

Patio Door Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 3 mm | No Grid | 0.30 | 0.39 | 0.56 | 57 | | | | 0.27 | 0.37 | 0.51 | 58 | | | | 0.23 | 0.31 | 0.43 | 58 | | | | 0.19 | 0.32 | 0.43 | 58 | | | | |
| | | Grid | 0.30 | 0.35 | 0.49 | 57 | | | | 0.29 | 0.33 | 0.45 | 58 | | | | 0.24 | 0.28 | 0.38 | 58 | | | | 0.19 | 0.28 | 0.38 | 58 | | | | |
| ThermalWeld Plus | 3 mm | No Grid | 0.30 | 0.39 | 0.56 | 58 | | | | 0.27 | 0.37 | 0.51 | 60 | | | | 0.23 | 0.31 | 0.43 | 60 | | | | 0.18 | 0.32 | 0.43 | 60 | | | | |
| | | Grid | 0.30 | 0.35 | 0.49 | 58 | | | | 0.28 | 0.33 | 0.45 | 60 | | | | 0.23 | 0.28 | 0.38 | 60 | | | | 0.19 | 0.28 | 0.38 | 60 | | | | |
| DynaWeld | 3 mm | No Grid | 0.30 | 0.39 | 0.56 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.30 | 0.35 | 0.49 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Intercept Spacer
Foam Filled

| Double Pane | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|---|-----------------------------|------|----|----|---|----|----|---|-----------------------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ³ | | | | | | | | Supreme ³ Triple | | | | | | | | Ultimate ³ | | | | Ultimate ³ Plus | | | | | | | | | | | |
| C/7036-AR | | | | | | | | C/C/7036-AR | | | | | | | | C/7036/7036-AR | | | | C/7036/7036-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.42 | 0.60 | 59 | | | | 0.21 | 0.39 | 0.55 | 66 | | | | 0.16 | 0.34 | 0.47 | 71 | | | | 0.14 | 0.34 | 0.47 | 73 | | | |
| | | Grid | 0.27 | 0.38 | 0.54 | 59 | | | | 0.21 | 0.36 | 0.49 | 66 | | | | 0.17 | 0.31 | 0.42 | 71 | | | | 0.14 | 0.31 | 0.42 | 73 | | | |
| | 3 mm | No Grid | 0.27 | 0.42 | 0.60 | 58 | | | | 0.22 | 0.39 | 0.55 | 65 | | | | 0.17 | 0.34 | 0.47 | 69 | | | | 0.14 | 0.34 | 0.47 | 72 | | | |
| | | Grid | 0.27 | 0.38 | 0.54 | 58 | | | | 0.22 | 0.35 | 0.49 | 65 | | | | 0.18 | 0.30 | 0.42 | 69 | | | | 0.14 | 0.31 | 0.42 | 72 | | | |
| | 4 mm | No Grid | 0.26 | 0.41 | 0.59 | 57 | | | | 0.23 | 0.39 | 0.54 | 63 | | | | 0.19 | 0.33 | 0.46 | 67 | | | | 0.15 | 0.33 | 0.46 | 71 | | | |
| | | Grid | 0.26 | 0.37 | 0.53 | 57 | | | | 0.24 | 0.35 | 0.48 | 63 | | | | 0.19 | 0.30 | 0.41 | 67 | | | | 0.15 | 0.30 | 0.41 | 71 | | | |
| ThermalWeld Plus | 2.5 mm | No Grid | 0.27 | 0.40 | 0.57 | 58 | | | | 0.22 | 0.38 | 0.53 | 64 | | | | 0.17 | 0.32 | 0.45 | 69 | | | | 0.15 | 0.33 | 0.45 | 71 | | | |
| | | Grid | 0.27 | 0.36 | 0.51 | 58 | | | | 0.22 | 0.34 | 0.47 | 64 | | | | 0.17 | 0.29 | 0.40 | 69 | | | | 0.15 | 0.29 | 0.40 | 71 | | | |
| | 3 mm | No Grid | 0.27 | 0.40 | 0.57 | 57 | | | | 0.22 | 0.37 | 0.52 | 63 | | | | 0.18 | 0.32 | 0.44 | 67 | | | | 0.15 | 0.33 | 0.44 | 70 | | | |
| | | Grid | 0.27 | 0.36 | 0.51 | 57 | | | | 0.23 | 0.34 | 0.47 | 63 | | | | 0.18 | 0.29 | 0.40 | 67 | | | | 0.15 | 0.29 | 0.40 | 70 | | | |
| | 4 mm | No Grid | 0.27 | 0.40 | 0.57 | 56 | | | | 0.24 | 0.37 | 0.52 | 62 | | | | 0.19 | 0.32 | 0.44 | 65 | | | | 0.15 | 0.32 | 0.44 | 69 | | | |
| | | Grid | 0.27 | 0.36 | 0.51 | 56 | | | | 0.25 | 0.34 | 0.46 | 62 | | | | 0.20 | 0.29 | 0.39 | 65 | | | | 0.16 | 0.29 | 0.39 | 69 | | | |
| DynaWeld | 2.5 mm | No Grid | 0.27 | 0.41 | 0.58 | 60 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.27 | 0.37 | 0.52 | 60 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 mm | No Grid | 0.26 | 0.41 | 0.58 | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.26 | 0.37 | 0.52 | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 mm | No Grid | 0.26 | 0.40 | 0.57 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.26 | 0.36 | 0.51 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |

Casement Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.39 | 0.55 | 60 | | | | 0.22 | 0.36 | 0.50 | 67 | | | | 0.17 | 0.31 | 0.43 | 73 | | | | 0.15 | 0.31 | 0.43 | 74 | | | |
| | | Grid | 0.27 | 0.35 | 0.49 | 60 | | | | 0.22 | 0.33 | 0.45 | 67 | | | | 0.18 | 0.28 | 0.38 | 73 | | | | 0.15 | 0.28 | 0.38 | 74 | | | |
| | 3 mm | No Grid | 0.27 | 0.38 | 0.55 | 59 | | | | 0.22 | 0.36 | 0.50 | 66 | | | | 0.18 | 0.31 | 0.43 | 70 | | | | 0.15 | 0.31 | 0.43 | 73 | | | |
| | | Grid | 0.27 | 0.35 | 0.49 | 59 | | | | 0.23 | 0.32 | 0.45 | 66 | | | | 0.18 | 0.28 | 0.38 | 70 | | | | 0.15 | 0.28 | 0.38 | 73 | | | |
| | 4 mm | No Grid | 0.26 | 0.38 | 0.54 | 58 | | | | 0.24 | 0.36 | 0.49 | 64 | | | | 0.19 | 0.30 | 0.42 | 68 | | | | 0.15 | 0.31 | 0.42 | 72 | | | |
| | | Grid | 0.26 | 0.34 | 0.48 | 58 | | | | 0.24 | 0.32 | 0.44 | 64 | | | | 0.20 | 0.27 | 0.38 | 68 | | | | 0.16 | 0.28 | 0.38 | 72 | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Intercept Spacer
Foam Filled

| Double Pane | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|---|-----------------------------|------|----|----|---|----|----|---|-----------------------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ³ | | | | | | | | Supreme ³ Triple | | | | | | | | Ultimate ³ | | | | Ultimate ³ Plus | | | | | | | | | | | |
| C/7036-AR | | | | | | | | C/C/7036-AR | | | | | | | | C/7036/7036-AR | | | | C/7036/7036-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Casement Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.25 | 0.33 | 0.47 | 59 | | | | 0.21 | 0.31 | 0.43 | 64 | | | | 0.17 | 0.27 | 0.36 | 69 | | | | 0.16 | 0.27 | 0.36 | 71 | | | | |
| | | Grid | 0.25 | 0.30 | 0.42 | 59 | | | | 0.21 | 0.28 | 0.39 | 64 | | | | 0.17 | 0.24 | 0.33 | 69 | | | | 0.16 | 0.24 | 0.33 | 71 | | | | |
| | 3 mm | No Grid | 0.25 | 0.33 | 0.46 | 58 | | | | 0.22 | 0.31 | 0.42 | 62 | | | | 0.18 | 0.26 | 0.36 | 67 | | | | 0.16 | 0.27 | 0.36 | 70 | | | | |
| | | Grid | 0.25 | 0.30 | 0.42 | 58 | | | | 0.22 | 0.28 | 0.38 | 62 | | | | 0.18 | 0.24 | 0.33 | 67 | | | | 0.16 | 0.24 | 0.33 | 70 | | | | |

Awning Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.26 | 0.33 | 0.47 | 55 | | | | 0.21 | 0.31 | 0.43 | 65 | | | | 0.17 | 0.27 | 0.36 | 69 | | | | 0.16 | 0.27 | 0.36 | 71 | | | | |
| | | Grid | 0.26 | 0.30 | 0.42 | 55 | | | | 0.21 | 0.28 | 0.39 | 65 | | | | 0.17 | 0.24 | 0.33 | 69 | | | | 0.15 | 0.24 | 0.33 | 71 | | | | |
| | 3 mm | No Grid | 0.25 | 0.33 | 0.46 | 55 | | | | 0.22 | 0.31 | 0.42 | 64 | | | | 0.18 | 0.26 | 0.36 | 68 | | | | 0.16 | 0.27 | 0.36 | 70 | | | | |
| | | Grid | 0.25 | 0.30 | 0.42 | 55 | | | | 0.22 | 0.28 | 0.38 | 64 | | | | 0.18 | 0.24 | 0.33 | 68 | | | | 0.16 | 0.24 | 0.33 | 70 | | | | |

Patio Door Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 3 mm | No Grid | 0.30 | 0.39 | 0.56 | 55 | | | | 0.26 | 0.37 | 0.51 | 59 | | | | 0.22 | 0.31 | 0.43 | 61 | | | | 0.18 | 0.32 | 0.43 | 62 | | | | |
| | | Grid | 0.30 | 0.35 | 0.49 | 55 | | | | 0.27 | 0.33 | 0.45 | 59 | | | | 0.23 | 0.28 | 0.38 | 61 | | | | 0.18 | 0.28 | 0.38 | 62 | | | | |
| ThermalWeld | 3 mm | No Grid | 0.30 | 0.39 | 0.56 | 55 | | | | 0.27 | 0.37 | 0.51 | 58 | | | | 0.23 | 0.31 | 0.43 | 59 | | | | 0.19 | 0.32 | 0.43 | 59 | | | | |
| | | Grid | 0.30 | 0.35 | 0.49 | 55 | | | | 0.28 | 0.33 | 0.45 | 58 | | | | 0.24 | 0.28 | 0.38 | 59 | | | | 0.19 | 0.28 | 0.38 | 59 | | | | |
| DynaWeld | 3 mm | No Grid | 0.30 | 0.39 | 0.56 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.30 | 0.35 | 0.49 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Stainless Intercept
Foam Filled

| Double Pane | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|---|-----------------------------|------|----|----|---|----|----|---|-----------------------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ³ | | | | | | | | Supreme ³ Triple | | | | | | | | Ultimate ³ | | | | Ultimate ³ Plus | | | | | | | | | | | |
| C/7036-AR | | | | | | | | C/C/7036-AR | | | | | | | | C/7036/7036-AR | | | | C/7036/7036-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.26 | 0.42 | 0.60 | 61 | | | | 0.20 | 0.39 | 0.55 | 69 | | | | 0.16 | 0.34 | 0.47 | 75 | | | | 0.13 | 0.34 | 0.47 | 77 | | | | |
| | | Grid | 0.26 | 0.38 | 0.54 | 61 | | | | 0.21 | 0.36 | 0.49 | 69 | | | | 0.16 | 0.31 | 0.42 | 75 | | | | 0.14 | 0.31 | 0.42 | 77 | | | | |
| | 3 mm | No Grid | 0.26 | 0.42 | 0.60 | 61 | | | | 0.21 | 0.39 | 0.55 | 68 | | | | 0.17 | 0.34 | 0.47 | 73 | | | | 0.13 | 0.34 | 0.47 | 77 | | | | |
| | | Grid | 0.26 | 0.38 | 0.54 | 61 | | | | 0.22 | 0.35 | 0.49 | 68 | | | | 0.17 | 0.30 | 0.42 | 73 | | | | 0.14 | 0.31 | 0.42 | 77 | | | | |
| | 4 mm | No Grid | 0.26 | 0.41 | 0.59 | 60 | | | | 0.23 | 0.39 | 0.54 | 66 | | | | 0.18 | 0.34 | 0.46 | 71 | | | | 0.14 | 0.33 | 0.46 | 75 | | | | |
| | | Grid | 0.26 | 0.37 | 0.53 | 60 | | | | 0.23 | 0.35 | 0.48 | 66 | | | | 0.18 | 0.30 | 0.41 | 71 | | | | 0.14 | 0.30 | 0.41 | 75 | | | | |
| ThermalWeld | 2.5 mm | No Grid | 0.27 | 0.40 | 0.57 | 60 | | | | 0.21 | 0.38 | 0.53 | 67 | | | | 0.16 | 0.32 | 0.45 | 73 | | | | 0.14 | 0.33 | 0.45 | 76 | | | | |
| | | Grid | 0.27 | 0.36 | 0.51 | 60 | | | | 0.22 | 0.34 | 0.47 | 67 | | | | 0.17 | 0.29 | 0.40 | 73 | | | | 0.14 | 0.29 | 0.40 | 76 | | | | |
| | 3 mm | No Grid | 0.26 | 0.40 | 0.57 | 60 | | | | 0.22 | 0.37 | 0.52 | 66 | | | | 0.17 | 0.32 | 0.44 | 71 | | | | 0.14 | 0.32 | 0.44 | 74 | | | | |
| | | Grid | 0.26 | 0.36 | 0.51 | 60 | | | | 0.23 | 0.34 | 0.47 | 66 | | | | 0.18 | 0.29 | 0.40 | 71 | | | | 0.14 | 0.29 | 0.40 | 74 | | | | |
| | 4 mm | No Grid | 0.26 | 0.40 | 0.57 | 59 | | | | 0.23 | 0.37 | 0.52 | 64 | | | | 0.19 | 0.32 | 0.44 | 69 | | | | 0.15 | 0.32 | 0.44 | 73 | | | | |
| | | Grid | 0.26 | 0.36 | 0.51 | 59 | | | | 0.24 | 0.34 | 0.46 | 64 | | | | 0.19 | 0.29 | 0.39 | 69 | | | | 0.15 | 0.29 | 0.39 | 73 | | | | |
| DynaWeld | 2.5 mm | No Grid | 0.26 | 0.41 | 0.58 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.26 | 0.37 | 0.52 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 mm | No Grid | 0.26 | 0.41 | 0.58 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.26 | 0.37 | 0.52 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 mm | No Grid | 0.26 | 0.40 | 0.57 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.26 | 0.36 | 0.51 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | |

Casement Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.26 | 0.39 | 0.55 | 62 | | | | 0.21 | 0.36 | 0.50 | 70 | | | | 0.16 | 0.31 | 0.43 | 76 | | | | 0.14 | 0.31 | 0.43 | 77 | | | |
| | | Grid | 0.26 | 0.35 | 0.49 | 62 | | | | 0.21 | 0.33 | 0.45 | 70 | | | | 0.17 | 0.28 | 0.38 | 76 | | | | 0.14 | 0.28 | 0.38 | 77 | | | |
| | 3 mm | No Grid | 0.26 | 0.38 | 0.55 | 62 | | | | 0.22 | 0.36 | 0.50 | 68 | | | | 0.17 | 0.31 | 0.43 | 74 | | | | 0.14 | 0.31 | 0.43 | 77 | | | |
| | | Grid | 0.26 | 0.35 | 0.49 | 62 | | | | 0.22 | 0.32 | 0.45 | 68 | | | | 0.18 | 0.28 | 0.38 | 74 | | | | 0.15 | 0.28 | 0.38 | 77 | | | |
| | 4 mm | No Grid | 0.26 | 0.38 | 0.54 | 61 | | | | 0.23 | 0.36 | 0.49 | 67 | | | | 0.19 | 0.30 | 0.42 | 72 | | | | 0.15 | 0.31 | 0.42 | 76 | | | |
| | | Grid | 0.26 | 0.34 | 0.48 | 61 | | | | 0.24 | 0.32 | 0.44 | 67 | | | | 0.19 | 0.27 | 0.38 | 72 | | | | 0.15 | 0.28 | 0.38 | 76 | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Stainless Intercept
Foam Filled

| Double Pane | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|---|-----------------------------|------|----|----|---|----|----|---|-----------------------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ³ | | | | | | | | Supreme ³ Triple | | | | | | | | Ultimate ³ | | | | Ultimate ³ Plus | | | | | | | | | | | |
| C/7036-AR | | | | | | | | C/C/7036-AR | | | | | | | | C/7036/7036-AR | | | | C/7036/7036-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Casement Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.24 | 0.33 | 0.47 | 61 | | | | 0.20 | 0.31 | 0.43 | 67 | | | | 0.16 | 0.27 | 0.36 | 73 | | | | 0.15 | 0.27 | 0.36 | 75 | | | | |
| | | Grid | 0.24 | 0.30 | 0.42 | 61 | | | | 0.20 | 0.28 | 0.39 | 67 | | | | 0.16 | 0.24 | 0.33 | 73 | | | | 0.15 | 0.24 | 0.33 | 75 | | | | |
| | 3 mm | No Grid | 0.24 | 0.33 | 0.46 | 61 | | | | 0.21 | 0.31 | 0.42 | 65 | | | | 0.17 | 0.26 | 0.36 | 71 | | | | 0.15 | 0.27 | 0.36 | 74 | | | | |
| | | Grid | 0.24 | 0.30 | 0.42 | 61 | | | | 0.21 | 0.28 | 0.38 | 65 | | | | 0.17 | 0.24 | 0.33 | 71 | | | | 0.15 | 0.24 | 0.33 | 74 | | | | |

Awning Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.25 | 0.33 | 0.47 | 57 | | | | 0.20 | 0.31 | 0.43 | 68 | | | | 0.16 | 0.27 | 0.36 | 73 | | | | 0.15 | 0.27 | 0.36 | 75 | | | | |
| | | Grid | 0.25 | 0.30 | 0.42 | 57 | | | | 0.20 | 0.28 | 0.39 | 68 | | | | 0.16 | 0.24 | 0.33 | 73 | | | | 0.15 | 0.24 | 0.33 | 75 | | | | |
| | 3 mm | No Grid | 0.25 | 0.33 | 0.46 | 57 | | | | 0.21 | 0.31 | 0.42 | 66 | | | | 0.17 | 0.26 | 0.36 | 71 | | | | 0.15 | 0.27 | 0.36 | 74 | | | | |
| | | Grid | 0.25 | 0.30 | 0.42 | 57 | | | | 0.21 | 0.28 | 0.38 | 66 | | | | 0.17 | 0.24 | 0.33 | 71 | | | | 0.15 | 0.24 | 0.33 | 74 | | | | |

Patio Door Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 3 mm | No Grid | 0.29 | 0.39 | 0.56 | 59 | | | | 0.26 | 0.37 | 0.51 | 62 | | | | 0.21 | 0.31 | 0.43 | 62 | | | | 0.17 | 0.32 | 0.43 | 63 | | | | |
| | | Grid | 0.29 | 0.35 | 0.49 | 59 | | | | 0.27 | 0.33 | 0.45 | 62 | | | | 0.22 | 0.28 | 0.38 | 62 | | | | 0.18 | 0.28 | 0.38 | 63 | | | | |
| ThermalWeld | 3 mm | No Grid | 0.30 | 0.39 | 0.56 | 58 | | | | 0.27 | 0.37 | 0.51 | 60 | | | | 0.22 | 0.31 | 0.43 | 60 | | | | 0.18 | 0.32 | 0.43 | 61 | | | | |
| | | Grid | 0.30 | 0.35 | 0.49 | 58 | | | | 0.28 | 0.33 | 0.45 | 60 | | | | 0.23 | 0.28 | 0.38 | 60 | | | | 0.19 | 0.28 | 0.38 | 61 | | | | |
| DynaWeld | 3 mm | No Grid | 0.30 | 0.39 | 0.56 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.30 | 0.35 | 0.49 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Intercept Spacer

| Double Pane | | | | | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|-----------------|---|---------|------|----|----|-----------------------------|----|----|---|---------|------|-----------------------|----|---|----|----|---|----------------------------|------|----|----|---|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ² | | | | | | XL ² | | | | | | Supreme ² Triple | | | | | | Ultimate ² | | | | | | Ultimate ² Plus | | | | | | | | | | | | | | | |
| 7036/C-AR | | | | | | 6227/C-AR | | | | | | 7036/C/C-AR | | | | | | 7036/7036/C-AR | | | | | | 7036/7036/C-KR | | | | | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|---------|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.28 | 0.33 | 0.60 | 59 | | | | | 0.27 | 0.23 | 0.53 | 59 | | | | | 0.22 | 0.31 | 0.55 | 66 | | | | | 0.17 | 0.26 | 0.47 | 71 | | | | | 0.15 | 0.26 | 0.47 | 73 | | | | |
| | | Grid | 0.28 | 0.30 | 0.54 | 59 | | | | | 0.27 | 0.21 | 0.48 | 59 | | | | | 0.22 | 0.28 | 0.49 | 66 | | | | | 0.17 | 0.24 | 0.42 | 71 | | | | | 0.15 | 0.24 | 0.42 | 73 | | | | |
| | 3 mm | No Grid | 0.27 | 0.33 | 0.60 | 59 | | | | | 0.27 | 0.23 | 0.53 | 59 | | | | | 0.23 | 0.31 | 0.55 | 65 | | | | | 0.18 | 0.26 | 0.47 | 70 | | | | | 0.15 | 0.26 | 0.47 | 72 | | | | |
| | | Grid | 0.27 | 0.30 | 0.54 | 59 | | | | | 0.27 | 0.21 | 0.48 | 59 | | | | | 0.23 | 0.28 | 0.49 | 65 | | | | | 0.18 | 0.24 | 0.42 | 70 | | | | | 0.15 | 0.24 | 0.42 | 72 | | | | |
| | 4 mm | No Grid | 0.27 | 0.33 | 0.59 | 58 | | | | | 0.27 | 0.23 | 0.53 | 58 | | | | | 0.24 | 0.30 | 0.54 | 63 | | | | | 0.20 | 0.26 | 0.46 | 67 | | | | | 0.15 | 0.26 | 0.46 | 71 | | | | |
| | | Grid | 0.27 | 0.30 | 0.53 | 58 | | | | | 0.27 | 0.21 | 0.47 | 58 | | | | | 0.25 | 0.28 | 0.48 | 63 | | | | | 0.20 | 0.24 | 0.41 | 67 | | | | | 0.16 | 0.23 | 0.41 | 71 | | | | |
| ThermalWeld Plus | 2.5 mm | No Grid | 0.28 | 0.32 | 0.57 | 58 | | | | | 0.27 | 0.23 | 0.51 | 58 | | | | | 0.22 | 0.29 | 0.53 | 65 | | | | | 0.18 | 0.25 | 0.45 | 70 | | | | | 0.16 | 0.25 | 0.45 | 72 | | | | |
| | | Grid | 0.28 | 0.29 | 0.51 | 58 | | | | | 0.27 | 0.21 | 0.45 | 58 | | | | | 0.23 | 0.27 | 0.47 | 65 | | | | | 0.18 | 0.23 | 0.40 | 70 | | | | | 0.16 | 0.23 | 0.40 | 72 | | | | |
| | 3 mm | No Grid | 0.27 | 0.31 | 0.57 | 57 | | | | | 0.27 | 0.23 | 0.50 | 57 | | | | | 0.23 | 0.29 | 0.52 | 63 | | | | | 0.19 | 0.25 | 0.44 | 68 | | | | | 0.15 | 0.25 | 0.44 | 70 | | | | |
| | | Grid | 0.27 | 0.28 | 0.51 | 57 | | | | | 0.27 | 0.21 | 0.45 | 57 | | | | | 0.24 | 0.26 | 0.47 | 63 | | | | | 0.19 | 0.23 | 0.40 | 68 | | | | | 0.16 | 0.22 | 0.40 | 70 | | | | |
| | 4 mm | No Grid | 0.27 | 0.31 | 0.57 | 56 | | | | | 0.27 | 0.23 | 0.50 | 56 | | | | | 0.24 | 0.29 | 0.52 | 62 | | | | | 0.20 | 0.25 | 0.44 | 66 | | | | | 0.16 | 0.25 | 0.44 | 69 | | | | |
| | | Grid | 0.27 | 0.28 | 0.51 | 56 | | | | | 0.27 | 0.21 | 0.45 | 56 | | | | | 0.25 | 0.26 | 0.46 | 62 | | | | | 0.20 | 0.22 | 0.39 | 66 | | | | | 0.16 | 0.22 | 0.39 | 69 | | | | |
| DynaWeld | 2.5 mm | No Grid | 0.28 | 0.32 | 0.58 | 60 | | | | | 0.28 | 0.22 | 0.52 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.28 | 0.29 | 0.52 | 60 | | | | | 0.28 | 0.20 | 0.46 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 mm | No Grid | 0.28 | 0.32 | 0.58 | 60 | | | | | 0.28 | 0.22 | 0.51 | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.28 | 0.29 | 0.52 | 60 | | | | | 0.28 | 0.20 | 0.46 | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 mm | No Grid | 0.28 | 0.32 | 0.57 | 58 | | | | | 0.27 | 0.22 | 0.51 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.28 | 0.29 | 0.51 | 58 | | | | | 0.27 | 0.20 | 0.46 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Casement Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.28 | 0.30 | 0.55 | 60 | | | | | 0.27 | 0.22 | 0.49 | 60 | | | | | 0.22 | 0.28 | 0.50 | 67 | | | | | 0.18 | 0.24 | 0.43 | 72 | | | | | 0.16 | 0.24 | 0.43 | 72 | | | | |
| | | Grid | 0.28 | 0.27 | 0.49 | 60 | | | | | 0.27 | 0.20 | 0.43 | 60 | | | | | 0.23 | 0.26 | 0.45 | 67 | | | | | 0.18 | 0.22 | 0.38 | 72 | | | | | 0.16 | 0.22 | 0.38 | 72 | | | | |
| | 3 mm | No Grid | 0.27 | 0.30 | 0.55 | 59 | | | | | 0.27 | 0.22 | 0.48 | 59 | | | | | 0.23 | 0.28 | 0.50 | 66 | | | | | 0.19 | 0.24 | 0.43 | 70 | | | | | 0.16 | 0.24 | 0.43 | 72 | | | | |
| | | Grid | 0.27 | 0.27 | 0.49 | 59 | | | | | 0.27 | 0.20 | 0.43 | 59 | | | | | 0.24 | 0.25 | 0.45 | 66 | | | | | 0.19 | 0.22 | 0.38 | 70 | | | | | 0.16 | 0.22 | 0.38 | 72 | | | | |
| | 4 mm | No Grid | 0.27 | 0.30 | 0.54 | 58 | | | | | 0.27 | 0.22 | 0.48 | 58 | | | | | 0.24 | 0.28 | 0.49 | 64 | | | | | 0.20 | 0.24 | 0.42 | 68 | | | | | 0.16 | 0.24 | 0.42 | 72 | | | | |
| | | Grid | 0.27 | 0.27 | 0.48 | 58 | | | | | 0.27 | 0.20 | 0.43 | 58 | | | | | 0.25 | 0.25 | 0.44 | 64 | | | | | 0.21 | 0.22 | 0.38 | 68 | | | | | 0.17 | 0.21 | 0.38 | 72 | | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Intercept Spacer

| Double Pane | | | | | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|-----------------|---|---------|------|----|----|-----------------------------|----|----|---|---------|------|-----------------------|----|---|----|----|---|----------------------------|------|----|----|---|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ² | | | | | | XL ² | | | | | | Supreme ² Triple | | | | | | Ultimate ² | | | | | | Ultimate ² Plus | | | | | | | | | | | | | | | |
| 7036/C-AR | | | | | | 6227/C-AR | | | | | | 7036/C/C-AR | | | | | | 7036/7036/C-AR | | | | | | 7036/7036/C-KR | | | | | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Casement Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.26 | 0.47 | 59 | | | | 0.27 | 0.19 | 0.41 | 59 | | | | 0.23 | 0.24 | 0.43 | 64 | | | | 0.19 | 0.21 | 0.36 | 69 | | | | 0.17 | 0.21 | 0.36 | 71 | | | |
| | | Grid | 0.27 | 0.24 | 0.42 | 59 | | | | 0.27 | 0.17 | 0.37 | 59 | | | | 0.23 | 0.22 | 0.39 | 64 | | | | 0.19 | 0.19 | 0.33 | 69 | | | | 0.17 | 0.19 | 0.33 | 71 | | | |
| | 3 mm | No Grid | 0.27 | 0.26 | 0.46 | 58 | | | | 0.27 | 0.19 | 0.41 | 57 | | | | 0.23 | 0.24 | 0.42 | 62 | | | | 0.20 | 0.21 | 0.36 | 67 | | | | 0.17 | 0.20 | 0.36 | 70 | | | |
| | | Grid | 0.27 | 0.24 | 0.42 | 58 | | | | 0.27 | 0.17 | 0.37 | 57 | | | | 0.24 | 0.22 | 0.38 | 62 | | | | 0.20 | 0.19 | 0.33 | 67 | | | | 0.17 | 0.19 | 0.33 | 70 | | | |

Awning Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.26 | 0.47 | 56 | | | | 0.27 | 0.19 | 0.41 | 56 | | | | 0.23 | 0.24 | 0.43 | 65 | | | | 0.19 | 0.21 | 0.36 | 69 | | | | 0.17 | 0.21 | 0.36 | 71 | | | |
| | | Grid | 0.27 | 0.24 | 0.42 | 56 | | | | 0.27 | 0.17 | 0.37 | 56 | | | | 0.23 | 0.22 | 0.39 | 65 | | | | 0.19 | 0.19 | 0.33 | 69 | | | | 0.17 | 0.19 | 0.33 | 71 | | | |
| | 3 mm | No Grid | 0.27 | 0.26 | 0.46 | 55 | | | | 0.27 | 0.19 | 0.41 | 55 | | | | 0.23 | 0.24 | 0.42 | 64 | | | | 0.20 | 0.21 | 0.36 | 67 | | | | 0.17 | 0.20 | 0.36 | 70 | | | |
| | | Grid | 0.27 | 0.24 | 0.42 | 55 | | | | 0.27 | 0.17 | 0.37 | 55 | | | | 0.24 | 0.22 | 0.38 | 64 | | | | 0.20 | 0.19 | 0.33 | 67 | | | | 0.17 | 0.19 | 0.33 | 70 | | | |

Patio Door Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 3 mm | No Grid | 0.31 | 0.31 | 0.56 | 55 | | | | 0.31 | 0.23 | 0.49 | 55 | | | | 0.28 | 0.29 | 0.51 | 57 | | | | 0.24 | 0.25 | 0.43 | 57 | | | | 0.19 | 0.24 | 0.43 | 57 | | | |
| | | Grid | 0.31 | 0.27 | 0.49 | 55 | | | | 0.31 | 0.20 | 0.43 | 55 | | | | 0.29 | 0.26 | 0.45 | 57 | | | | 0.24 | 0.22 | 0.68 | 57 | | | | 0.20 | 0.22 | 0.38 | 57 | | | |
| ThermalWeld Plus | 3 mm | No Grid | 0.31 | 0.31 | 0.56 | 55 | | | | 0.30 | 0.22 | 0.49 | 55 | | | | 0.27 | 0.29 | 0.51 | 58 | | | | 0.23 | 0.24 | 0.43 | 59 | | | | 0.19 | 0.24 | 0.43 | 59 | | | |
| | | Grid | 0.31 | 0.27 | 0.49 | 55 | | | | 0.30 | 0.20 | 0.43 | 55 | | | | 0.29 | 0.25 | 0.45 | 58 | | | | 0.24 | 0.22 | 0.38 | 59 | | | | 0.19 | 0.22 | 0.38 | 59 | | | |
| DynaWeld | 3 mm | No Grid | 0.31 | 0.31 | 0.56 | 55 | | | | 0.30 | 0.22 | 0.49 | 55 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.31 | 0.27 | 0.49 | 55 | | | | 0.30 | 0.20 | 0.43 | 55 | | | | | | | | | | | | | | | | | | | | | | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Stainless Intercept

| Double Pane | | | | | | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|-----------------|---|---------|------|----|----|-----------------------------|-------------|----|---|---------|------|-----------------------|----|---|----|----|---|----------------------------|------|----|----|---|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ² | | | | | | XL ² | | | | | | Supreme ² Triple | | | | | | Ultimate ² | | | | | | Ultimate ² Plus | | | | | | | | | | | | | | | |
| 7036/C-AR | | | | | | 6227/C-AR | | | | | | 7036/C/C-AR | | | | | | 7036/7036/C-AR | | | | | | 7036/7036/C-KR | | | | | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.33 | 0.60 | 62 | | | | 0.27 | 0.23 | 0.53 | 62 | | | | 0.21 | 0.31 | 0.55 | 69 | | | | 0.16 | 0.26 | 0.47 | 75 | | | | 0.14 | 0.26 | 0.47 | 77 | | | |
| | | Grid | 0.27 | 0.30 | 0.54 | 62 | | | | 0.27 | 0.21 | 0.48 | 62 | | | | 0.22 | 0.28 | 0.49 | 69 | | | | 0.17 | 0.24 | 0.42 | 75 | | | | 0.14 | 0.24 | 0.42 | 77 | | | |
| | 3 mm | No Grid | 0.27 | 0.33 | 0.60 | 61 | | | | 0.26 | 0.23 | 0.53 | 61 | | | | 0.22 | 0.31 | 0.55 | 68 | | | | 0.17 | 0.26 | 0.47 | 73 | | | | 0.14 | 0.26 | 0.47 | 77 | | | |
| | | Grid | 0.27 | 0.30 | 0.54 | 61 | | | | 0.26 | 0.21 | 0.48 | 61 | | | | 0.22 | 0.28 | 0.49 | 68 | | | | 0.18 | 0.24 | 0.42 | 73 | | | | 0.14 | 0.24 | 0.42 | 77 | | | |
| | 4 mm | No Grid | 0.27 | 0.33 | 0.59 | 60 | | | | 0.26 | 0.23 | 0.53 | 61 | | | | 0.23 | 0.30 | 0.54 | 66 | | | | 0.19 | 0.26 | 0.46 | 71 | | | | 0.15 | 0.26 | 0.46 | 75 | | | |
| | | Grid | 0.27 | 0.30 | 0.53 | 60 | | | | 0.26 | 0.21 | 0.47 | 61 | | | | 0.24 | 0.28 | 0.48 | 66 | | | | 0.19 | 0.24 | 0.41 | 71 | | | | 0.15 | 0.23 | 0.41 | 75 | | | |
| ThermalWeld Plus | 2.5 mm | No Grid | 0.27 | 0.32 | 0.57 | 61 | | | | 0.27 | 0.23 | 0.51 | 60 | | | | 0.22 | 0.29 | 0.53 | 67 | | | | 0.17 | 0.25 | 0.45 | 73 | | | | 0.15 | 0.25 | 0.45 | 75 | | | |
| | | Grid | 0.27 | 0.29 | 0.51 | 61 | | | | 0.27 | 0.21 | 0.45 | 60 | | | | 0.22 | 0.27 | 0.47 | 67 | | | | 0.17 | 0.23 | 0.40 | 73 | | | | 0.15 | 0.23 | 0.40 | 75 | | | |
| | 3 mm | No Grid | 0.27 | 0.31 | 0.57 | 60 | | | | 0.27 | 0.23 | 0.50 | 60 | | | | 0.22 | 0.29 | 0.52 | 66 | | | | 0.18 | 0.25 | 0.44 | 71 | | | | 0.15 | 0.25 | 0.44 | 75 | | | |
| | | Grid | 0.27 | 0.28 | 0.51 | 60 | | | | 0.27 | 0.21 | 0.45 | 60 | | | | 0.23 | 0.26 | 0.47 | 66 | | | | 0.18 | 0.23 | 0.40 | 71 | | | | 0.15 | 0.22 | 0.40 | 75 | | | |
| | 4 mm | No Grid | 0.27 | 0.31 | 0.57 | 59 | | | | 0.26 | 0.23 | 0.50 | 59 | | | | 0.24 | 0.29 | 0.52 | 64 | | | | 0.19 | 0.25 | 0.44 | 69 | | | | 0.15 | 0.25 | 0.44 | 73 | | | |
| | | Grid | 0.27 | 0.28 | 0.51 | 59 | | | | 0.26 | 0.21 | 0.45 | 59 | | | | 0.25 | 0.26 | 0.46 | 64 | | | | 0.20 | 0.22 | 0.39 | 69 | | | | 0.15 | 0.22 | 0.39 | 73 | | | |
| DynaWeld | 2.5 mm | No Grid | 0.28 | 0.32 | 0.58 | 62 | | | | 0.27 | 0.22 | 0.52 | 62 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.28 | 0.29 | 0.52 | 62 | | | | 0.27 | 0.20 | 0.46 | 62 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 mm | No Grid | 0.27 | 0.32 | 0.58 | 62 | | | | 0.27 | 0.22 | 0.51 | 61 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.27 | 0.29 | 0.52 | 62 | | | | 0.27 | 0.20 | 0.46 | 61 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 mm | No Grid | 0.27 | 0.32 | 0.57 | 61 | | | | 0.27 | 0.22 | 0.51 | 61 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.27 | 0.29 | 0.51 | 61 | | | | 0.27 | 0.20 | 0.46 | 61 | | | | | | | | | | | | | | | | | | | | | | | | |

Casement Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.30 | 0.55 | 62 | | | | 0.27 | 0.22 | 0.49 | 63 | | | | 0.22 | 0.28 | 0.50 | 70 | | | | 0.17 | 0.24 | 0.43 | 74 | | | | 0.15 | 0.24 | 0.43 | 74 | | | |
| | | Grid | 0.27 | 0.27 | 0.49 | 62 | | | | 0.27 | 0.20 | 0.43 | 63 | | | | 0.22 | 0.26 | 0.45 | 70 | | | | 0.18 | 0.22 | 0.38 | 74 | | | | 0.15 | 0.22 | 0.38 | 74 | | | |
| | 3 mm | No Grid | 0.27 | 0.30 | 0.55 | 62 | | | | 0.26 | 0.22 | 0.48 | 62 | | | | 0.22 | 0.28 | 0.50 | 68 | | | | 0.18 | 0.24 | 0.43 | 74 | | | | 0.15 | 0.24 | 0.43 | 74 | | | |
| | | Grid | 0.27 | 0.27 | 0.49 | 62 | | | | 0.26 | 0.20 | 0.43 | 62 | | | | 0.23 | 0.25 | 0.45 | 68 | | | | 0.19 | 0.22 | 0.38 | 74 | | | | 0.15 | 0.22 | 0.38 | 74 | | | |
| | 4 mm | No Grid | 0.26 | 0.30 | 0.54 | 61 | | | | 0.26 | 0.22 | 0.48 | 61 | | | | 0.24 | 0.28 | 0.49 | 67 | | | | 0.19 | 0.24 | 0.42 | 72 | | | | 0.16 | 0.24 | 0.42 | 74 | | | |
| | | Grid | 0.26 | 0.27 | 0.48 | 61 | | | | 0.26 | 0.20 | 0.43 | 61 | | | | 0.25 | 0.25 | 0.44 | 67 | | | | 0.20 | 0.22 | 0.38 | 72 | | | | 0.16 | 0.21 | 0.38 | 74 | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Stainless Intercept

| Double Pane | | | | | | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|-----------------|---|---------|------|----|----|-----------------------------|-------------|----|---|---------|------|-----------------------|----|---|----|----|---|----------------------------|------|----|----|---|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ² | | | | | | XL ² | | | | | | Supreme ² Triple | | | | | | Ultimate ² | | | | | | Ultimate ² Plus | | | | | | | | | | | | | | | |
| 7036/C-AR | | | | | | 6227/C-AR | | | | | | 7036/C/C-AR | | | | | | 7036/7036/C-AR | | | | | | 7036/7036/C-KR | | | | | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Casement Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.26 | 0.26 | 0.47 | 61 | | | | 0.26 | 0.19 | 0.41 | 62 | | | | 0.22 | 0.24 | 0.43 | 67 | | | | 0.18 | 0.21 | 0.36 | 73 | | | | 0.16 | 0.21 | 0.36 | 75 | | | |
| | | Grid | 0.26 | 0.24 | 0.42 | 61 | | | | 0.26 | 0.17 | 0.37 | 62 | | | | 0.22 | 0.22 | 0.39 | 67 | | | | 0.18 | 0.19 | 0.33 | 73 | | | | 0.16 | 0.19 | 0.33 | 75 | | | |
| | 3 mm | No Grid | 0.26 | 0.26 | 0.46 | 61 | | | | 0.26 | 0.19 | 0.41 | 61 | | | | 0.22 | 0.24 | 0.42 | 65 | | | | 0.19 | 0.21 | 0.36 | 71 | | | | 0.16 | 0.20 | 0.36 | 74 | | | |
| | | Grid | 0.26 | 0.24 | 0.42 | 61 | | | | 0.26 | 0.17 | 0.37 | 61 | | | | 0.23 | 0.22 | 0.38 | 65 | | | | 0.19 | 0.19 | 0.33 | 71 | | | | 0.16 | 0.19 | 0.33 | 74 | | | |

Awning Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.26 | 0.26 | 0.47 | 57 | | | | 0.26 | 0.19 | 0.41 | 57 | | | | 0.22 | 0.24 | 0.43 | 67 | | | | 0.18 | 0.21 | 0.36 | 72 | | | | 0.16 | 0.21 | 0.36 | 75 | | | |
| | | Grid | 0.26 | 0.24 | 0.42 | 57 | | | | 0.26 | 0.17 | 0.37 | 57 | | | | 0.22 | 0.22 | 0.39 | 68 | | | | 0.18 | 0.19 | 0.33 | 72 | | | | 0.16 | 0.19 | 0.33 | 75 | | | |
| | 3 mm | No Grid | 0.26 | 0.26 | 0.46 | 57 | | | | 0.26 | 0.19 | 0.41 | 57 | | | | 0.23 | 0.24 | 0.42 | 66 | | | | 0.19 | 0.21 | 0.36 | 71 | | | | 0.16 | 0.20 | 0.36 | 74 | | | |
| | | Grid | 0.26 | 0.24 | 0.42 | 57 | | | | 0.26 | 0.17 | 0.37 | 57 | | | | 0.23 | 0.22 | 0.38 | 66 | | | | 0.19 | 0.19 | 0.33 | 71 | | | | 0.16 | 0.19 | 0.33 | 74 | | | |

Patio Door Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 3 mm | No Grid | 0.30 | 0.31 | 0.56 | 57 | | | | 0.30 | 0.23 | 0.49 | 57 | | | | 0.27 | 0.29 | 0.51 | 58 | | | | 0.23 | 0.25 | 0.43 | 58 | | | | 0.19 | 0.24 | 0.43 | 58 | | | |
| | | Grid | 0.30 | 0.27 | 0.49 | 57 | | | | 0.30 | 0.20 | 0.43 | 57 | | | | 0.29 | 0.26 | 0.45 | 58 | | | | 0.24 | 0.22 | 0.38 | 58 | | | | 0.19 | 0.22 | 0.38 | 58 | | | |
| ThermalWeld Plus | 3 mm | No Grid | 0.30 | 0.31 | 0.56 | 58 | | | | 0.30 | 0.22 | 0.49 | 58 | | | | 0.27 | 0.29 | 0.51 | 60 | | | | 0.23 | 0.24 | 0.43 | 60 | | | | 0.18 | 0.24 | 0.43 | 61 | | | |
| | | Grid | 0.30 | 0.27 | 0.49 | 58 | | | | 0.30 | 0.20 | 0.43 | 58 | | | | 0.28 | 0.25 | 0.45 | 60 | | | | 0.23 | 0.22 | 0.38 | 60 | | | | 0.19 | 0.22 | 0.38 | 61 | | | |
| DynaWeld | 3 mm | No Grid | 0.30 | 0.31 | 0.56 | 58 | | | | 0.30 | 0.22 | 0.49 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.30 | 0.27 | 0.49 | 58 | | | | 0.30 | 0.20 | 0.43 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Intercept Spacer
Foam Filled

| Double Pane | | | | | | | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|-----------------|---------|------|----|----|---|----|-----------------------------|---|---------|------|----|----|---|-----------------------|----|---|---------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ² | | | | | | | XL ² | | | | | | | Supreme ² Triple | | | | | | | Ultimate ² | | | | | | | Ultimate ² Plus | | | | | | | | | | | |
| 7036/C-AR | | | | | | | 6227/C-AR | | | | | | | 7036/C/C-AR | | | | | | | 7036/7036/C-AR | | | | | | | 7036/7036/C-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.33 | 0.60 | 59 | | | | 0.27 | 0.23 | 0.53 | 59 | | | | 0.21 | 0.31 | 0.55 | 66 | | | | 0.16 | 0.26 | 0.47 | 71 | | | | 0.14 | 0.26 | 0.47 | 73 | | | |
| | | Grid | 0.27 | 0.30 | 0.54 | 59 | | | | 0.27 | 0.21 | 0.48 | 59 | | | | 0.21 | 0.28 | 0.49 | 66 | | | | 0.17 | 0.24 | 0.42 | 71 | | | | 0.14 | 0.24 | 0.42 | 73 | | | |
| | 3 mm | No Grid | 0.27 | 0.33 | 0.60 | 58 | | | | 0.26 | 0.23 | 0.53 | 59 | | | | 0.22 | 0.31 | 0.55 | 65 | | | | 0.17 | 0.26 | 0.47 | 69 | | | | 0.14 | 0.26 | 0.47 | 72 | | | |
| | | Grid | 0.27 | 0.30 | 0.54 | 58 | | | | 0.26 | 0.21 | 0.48 | 59 | | | | 0.22 | 0.28 | 0.49 | 65 | | | | 0.18 | 0.24 | 0.42 | 69 | | | | 0.14 | 0.24 | 0.42 | 72 | | | |
| | 4 mm | No Grid | 0.26 | 0.33 | 0.59 | 57 | | | | 0.26 | 0.23 | 0.53 | 58 | | | | 0.23 | 0.30 | 0.54 | 63 | | | | 0.19 | 0.26 | 0.46 | 67 | | | | 0.15 | 0.26 | 0.46 | 71 | | | |
| | | Grid | 0.26 | 0.30 | 0.53 | 57 | | | | 0.26 | 0.21 | 0.47 | 58 | | | | 0.24 | 0.28 | 0.48 | 63 | | | | 0.19 | 0.24 | 0.41 | 67 | | | | 0.15 | 0.23 | 0.41 | 71 | | | |
| ThermalWeld Plus | 2.5 mm | No Grid | 0.27 | 0.32 | 0.57 | 58 | | | | 0.27 | 0.23 | 0.51 | 58 | | | | 0.22 | 0.29 | 0.53 | 64 | | | | 0.17 | 0.25 | 0.45 | 69 | | | | 0.15 | 0.25 | 0.45 | 71 | | | |
| | | Grid | 0.27 | 0.29 | 0.51 | 58 | | | | 0.27 | 0.21 | 0.45 | 58 | | | | 0.22 | 0.27 | 0.47 | 64 | | | | 0.17 | 0.23 | 0.40 | 69 | | | | 0.15 | 0.23 | 0.40 | 71 | | | |
| | 3 mm | No Grid | 0.27 | 0.31 | 0.57 | 57 | | | | 0.27 | 0.23 | 0.50 | 57 | | | | 0.22 | 0.29 | 0.52 | 63 | | | | 0.18 | 0.25 | 0.44 | 67 | | | | 0.15 | 0.25 | 0.44 | 70 | | | |
| | | Grid | 0.27 | 0.28 | 0.51 | 57 | | | | 0.27 | 0.21 | 0.45 | 57 | | | | 0.23 | 0.26 | 0.47 | 63 | | | | 0.18 | 0.23 | 0.40 | 67 | | | | 0.15 | 0.22 | 0.40 | 70 | | | |
| | 4 mm | No Grid | 0.27 | 0.31 | 0.57 | 56 | | | | 0.26 | 0.23 | 0.50 | 56 | | | | 0.24 | 0.29 | 0.52 | 62 | | | | 0.19 | 0.25 | 0.44 | 65 | | | | 0.15 | 0.25 | 0.44 | 69 | | | |
| | | Grid | 0.27 | 0.28 | 0.51 | 56 | | | | 0.26 | 0.21 | 0.45 | 56 | | | | 0.25 | 0.26 | 0.46 | 62 | | | | 0.20 | 0.22 | 0.39 | 65 | | | | 0.16 | 0.22 | 0.39 | 69 | | | |
| DynaWeld | 2.5 mm | No Grid | 0.27 | 0.32 | 0.58 | 60 | | | | 0.26 | 0.22 | 0.52 | 60 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.27 | 0.29 | 0.52 | 60 | | | | 0.26 | 0.20 | 0.46 | 60 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 mm | No Grid | 0.26 | 0.32 | 0.58 | 59 | | | | 0.26 | 0.22 | 0.51 | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.26 | 0.29 | 0.52 | 59 | | | | 0.26 | 0.20 | 0.46 | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 mm | No Grid | 0.26 | 0.32 | 0.57 | 58 | | | | 0.26 | 0.22 | 0.51 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.26 | 0.29 | 0.51 | 58 | | | | 0.26 | 0.20 | 0.46 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |

Casement Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.30 | 0.55 | 60 | | | | 0.27 | 0.22 | 0.49 | 60 | | | | 0.22 | 0.28 | 0.50 | 67 | | | | 0.17 | 0.24 | 0.43 | 73 | | | | 0.15 | 0.24 | 0.43 | 74 | | | |
| | | Grid | 0.27 | 0.27 | 0.49 | 60 | | | | 0.27 | 0.20 | 0.43 | 60 | | | | 0.22 | 0.26 | 0.45 | 67 | | | | 0.18 | 0.22 | 0.38 | 73 | | | | 0.15 | 0.22 | 0.38 | 74 | | | |
| | 3 mm | No Grid | 0.27 | 0.30 | 0.55 | 59 | | | | 0.26 | 0.22 | 0.48 | 59 | | | | 0.22 | 0.28 | 0.50 | 66 | | | | 0.18 | 0.24 | 0.43 | 70 | | | | 0.15 | 0.24 | 0.43 | 73 | | | |
| | | Grid | 0.27 | 0.27 | 0.49 | 59 | | | | 0.26 | 0.20 | 0.43 | 59 | | | | 0.23 | 0.25 | 0.45 | 66 | | | | 0.18 | 0.22 | 0.38 | 70 | | | | 0.15 | 0.22 | 0.38 | 73 | | | |
| | 4 mm | No Grid | 0.26 | 0.30 | 0.54 | 58 | | | | 0.26 | 0.22 | 0.48 | 58 | | | | 0.24 | 0.28 | 0.49 | 64 | | | | 0.19 | 0.24 | 0.42 | 68 | | | | 0.15 | 0.24 | 0.42 | 72 | | | |
| | | Grid | 0.26 | 0.27 | 0.48 | 58 | | | | 0.26 | 0.20 | 0.43 | 58 | | | | 0.24 | 0.25 | 0.44 | 64 | | | | 0.20 | 0.22 | 0.38 | 68 | | | | 0.16 | 0.21 | 0.38 | 72 | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

Intercept Spacer
Foam Filled

| | | Double Pane | | | | | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--------|----------------------|------|------|------|-----------------|----|----|---|-----------------------------|------|------|----|-----------------------|----|----|------|----------------------------|------|----|----|---|----|------|------|---------|------|----|----|---|------|------|------|---------|------|----|----|---|----|----|---|
| | | Supreme ² | | | | XL ² | | | | Supreme ² Triple | | | | Ultimate ² | | | | Ultimate ² Plus | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7036/C-AR | | | | 6227/C-AR | | | | 7036/C/C-AR | | | | 7036/7036/C-AR | | | | 7036/7036/C-KR | | | | | | | | | | | | | | | | | | | | | | | |
| | | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |
| Casement Window Performance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UltraWeld | 2.5 mm | No Grid | 0.25 | 0.26 | 0.47 | 59 | | | | 0.25 | 0.19 | 0.41 | 59 | | | | 0.21 | 0.24 | 0.43 | 64 | | | | 0.17 | 0.21 | 0.36 | 69 | | | | 0.16 | 0.21 | 0.36 | 71 | | | | | | | |
| | | Grid | 0.25 | 0.24 | 0.42 | 59 | | | | 0.25 | 0.17 | 0.37 | 59 | | | | 0.21 | 0.22 | 0.39 | 64 | | | | 0.17 | 0.19 | 0.33 | 69 | | | | 0.16 | 0.19 | 0.33 | 71 | | | | | | | |
| | 3 mm | No Grid | 0.25 | 0.26 | 0.46 | 58 | | | | 0.25 | 0.19 | 0.41 | 58 | | | | 0.22 | 0.24 | 0.42 | 62 | | | | 0.18 | 0.21 | 0.36 | 67 | | | | 0.16 | 0.20 | 0.36 | 70 | | | | | | | |
| | | Grid | 0.25 | 0.24 | 0.42 | 58 | | | | 0.25 | 0.17 | 0.37 | 58 | | | | 0.22 | 0.22 | 0.38 | 62 | | | | 0.18 | 0.19 | 0.33 | 67 | | | | 0.16 | 0.19 | 0.33 | 70 | | | | | | | |
| Awning Window Performance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UltraWeld | 2.5 mm | No Grid | 0.26 | 0.26 | 0.47 | 55 | | | | 0.25 | 0.19 | 0.41 | 56 | | | | 0.21 | 0.24 | 0.43 | 65 | | | | 0.17 | 0.21 | 0.36 | 69 | | | | 0.16 | 0.21 | 0.36 | 71 | | | | | | | |
| | | Grid | 0.26 | 0.24 | 0.42 | 55 | | | | 0.25 | 0.17 | 0.37 | 56 | | | | 0.21 | 0.22 | 0.39 | 65 | | | | 0.17 | 0.19 | 0.33 | 69 | | | | 0.15 | 0.19 | 0.33 | 71 | | | | | | | |
| | 3 mm | No Grid | 0.25 | 0.26 | 0.46 | 55 | | | | 0.25 | 0.19 | 0.41 | 55 | | | | 0.22 | 0.24 | 0.42 | 64 | | | | 0.18 | 0.21 | 0.36 | 68 | | | | 0.16 | 0.20 | 0.36 | 70 | | | | | | | |
| | | Grid | 0.25 | 0.24 | 0.42 | 55 | | | | 0.25 | 0.17 | 0.37 | 55 | | | | 0.22 | 0.22 | 0.38 | 64 | | | | 0.18 | 0.19 | 0.33 | 68 | | | | 0.16 | 0.19 | 0.33 | 70 | | | | | | | |
| Patio Door Performance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UltraWeld | 3 mm | No Grid | 0.30 | 0.31 | 0.56 | 55 | | | | 0.29 | 0.23 | 0.49 | 55 | | | | 0.26 | 0.29 | 0.51 | 59 | | | | 0.22 | 0.25 | 0.43 | 61 | | | | 0.18 | 0.24 | 0.43 | 62 | | | | | | | |
| | | Grid | 0.30 | 0.27 | 0.49 | 55 | | | | 0.29 | 0.20 | 0.43 | 55 | | | | 0.27 | 0.26 | 0.45 | 59 | | | | 0.23 | 0.22 | 0.38 | 61 | | | | 0.18 | 0.22 | 0.38 | 62 | | | | | | | |
| ThermalWeld Plus | 3 mm | No Grid | 0.30 | 0.31 | 0.56 | 55 | | | | 0.30 | 0.22 | 0.49 | 55 | | | | 0.27 | 0.29 | 0.51 | 58 | | | | 0.23 | 0.24 | 0.43 | 59 | | | | 0.19 | 0.24 | 0.43 | 59 | | | | | | | |
| | | Grid | 0.30 | 0.27 | 0.49 | 55 | | | | 0.30 | 0.20 | 0.43 | 55 | | | | 0.28 | 0.25 | 0.45 | 58 | | | | 0.24 | 0.22 | 0.38 | 59 | | | | 0.19 | 0.22 | 0.38 | 59 | | | | | | | |
| DynaWeld | 3 mm | No Grid | 0.30 | 0.31 | 0.56 | 55 | | | | 0.30 | 0.22 | 0.49 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.30 | 0.27 | 0.49 | 55 | | | | 0.30 | 0.20 | 0.43 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

**Stainless
Foam Filled**

| Double Pane | | | | | | | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|-----------------|---------|------|----|----|---|----|-----------------------------|---|---------|------|----|----|---|-----------------------|----|---|---------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ² | | | | | | | XL ² | | | | | | | Supreme ² Triple | | | | | | | Ultimate ² | | | | | | | Ultimate ² Plus | | | | | | | | | | | |
| 7036/C-AR | | | | | | | 6227/C-AR | | | | | | | 7036/C/C-AR | | | | | | | 7036/7036/C-AR | | | | | | | 7036/7036/C-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Double Hung Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.29 | 0.52 | 58 | | | | 0.27 | 0.21 | 0.46 | 58 | | | | 0.22 | 0.27 | 0.48 | 65 | | | | 0.18 | 0.23 | 0.41 | 69 | | | | 0.16 | 0.23 | 0.41 | 71 | | | |
| | | Grid | 0.27 | 0.26 | 0.47 | 58 | | | | 0.27 | 0.19 | 0.41 | 58 | | | | 0.23 | 0.24 | 0.43 | 65 | | | | 0.18 | 0.21 | 0.36 | 69 | | | | 0.16 | 0.21 | 0.36 | 71 | | | |
| | 3 mm | No Grid | 0.26 | 0.29 | 0.52 | 57 | | | | 0.26 | 0.21 | 0.46 | 57 | | | | 0.23 | 0.27 | 0.48 | 64 | | | | 0.19 | 0.23 | 0.41 | 68 | | | | 0.16 | 0.23 | 0.41 | 70 | | | |
| | | Grid | 0.26 | 0.26 | 0.46 | 57 | | | | 0.26 | 0.19 | 0.41 | 57 | | | | 0.24 | 0.24 | 0.42 | 64 | | | | 0.19 | 0.21 | 0.36 | 68 | | | | 0.16 | 0.20 | 0.36 | 70 | | | |
| ThermalWeld Plus | 2.5 mm | No Grid | 0.27 | 0.30 | 0.54 | 59 | | | | 0.27 | 0.22 | 0.48 | 59 | | | | 0.22 | 0.28 | 0.50 | 67 | | | | 0.18 | 0.24 | 0.42 | 71 | | | | 0.16 | 0.24 | 0.42 | 72 | | | |
| | | Grid | 0.27 | 0.27 | 0.48 | 59 | | | | 0.27 | 0.20 | 0.43 | 59 | | | | 0.23 | 0.25 | 0.44 | 67 | | | | 0.18 | 0.21 | 0.38 | 71 | | | | 0.16 | 0.21 | 0.38 | 72 | | | |
| | 3 mm | No Grid | 0.27 | 0.30 | 0.54 | 58 | | | | 0.27 | 0.22 | 0.48 | 58 | | | | 0.23 | 0.28 | 0.49 | 65 | | | | 0.19 | 0.24 | 0.42 | 69 | | | | 0.16 | 0.23 | 0.42 | 72 | | | |
| | | Grid | 0.27 | 0.27 | 0.48 | 58 | | | | 0.27 | 0.20 | 0.43 | 58 | | | | 0.24 | 0.25 | 0.44 | 65 | | | | 0.19 | 0.21 | 0.38 | 69 | | | | 0.16 | 0.21 | 0.38 | 71 | | | |
| DynaWeld | 2.5 mm | No Grid | 0.27 | 0.30 | 0.54 | 59 | | | | 0.27 | 0.22 | 0.48 | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.27 | 0.27 | 0.48 | 59 | | | | 0.27 | 0.20 | 0.43 | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 mm | No Grid | 0.27 | 0.30 | 0.54 | 58 | | | | 0.27 | 0.22 | 0.48 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.27 | 0.27 | 0.48 | 58 | | | | 0.27 | 0.20 | 0.43 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |

Slider Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.27 | 0.29 | 0.52 | 59 | | | | 0.27 | 0.21 | 0.46 | 59 | | | | 0.23 | 0.27 | 0.47 | 65 | | | | 0.19 | 0.23 | 0.41 | 70 | | | | 0.16 | 0.23 | 0.41 | 72 | | | |
| | | Grid | 0.27 | 0.26 | 0.46 | 59 | | | | 0.27 | 0.19 | 0.41 | 59 | | | | 0.23 | 0.24 | 0.42 | 65 | | | | 0.19 | 0.20 | 0.36 | 70 | | | | 0.17 | 0.20 | 0.36 | 72 | | | |
| | 3 mm | No Grid | 0.27 | 0.29 | 0.52 | 58 | | | | 0.27 | 0.21 | 0.46 | 58 | | | | 0.23 | 0.26 | 0.47 | 63 | | | | 0.19 | 0.23 | 0.40 | 68 | | | | 0.16 | 0.22 | 0.40 | 71 | | | |
| | | Grid | 0.27 | 0.26 | 0.46 | 58 | | | | 0.27 | 0.19 | 0.40 | 58 | | | | 0.24 | 0.24 | 0.42 | 63 | | | | 0.20 | 0.20 | 0.36 | 68 | | | | 0.17 | 0.20 | 0.36 | 70 | | | |
| ThermalWeld Plus | 2.5 mm | No Grid | 0.27 | 0.29 | 0.52 | 60 | | | | 0.27 | 0.21 | 0.46 | 60 | | | | 0.22 | 0.27 | 0.48 | 66 | | | | 0.18 | 0.23 | 0.41 | 71 | | | | 0.16 | 0.23 | 0.41 | 72 | | | |
| | | Grid | 0.27 | 0.26 | 0.46 | 60 | | | | 0.27 | 0.19 | 0.41 | 60 | | | | 0.23 | 0.24 | 0.42 | 66 | | | | 0.18 | 0.20 | 0.36 | 70 | | | | 0.16 | 0.21 | 0.36 | 72 | | | |
| | 3 mm | No Grid | 0.27 | 0.29 | 0.52 | 59 | | | | 0.27 | 0.21 | 0.46 | 59 | | | | 0.23 | 0.27 | 0.47 | 64 | | | | 0.19 | 0.23 | 0.40 | 69 | | | | 0.16 | 0.23 | 0.40 | 71 | | | |
| | | Grid | 0.27 | 0.26 | 0.46 | 59 | | | | 0.27 | 0.19 | 0.41 | 59 | | | | 0.24 | 0.24 | 0.42 | 64 | | | | 0.19 | 0.20 | 0.36 | 69 | | | | 0.16 | 0.20 | 0.36 | 71 | | | |
| DynaWeld | 2.5 mm | No Grid | 0.28 | 0.30 | 0.54 | 60 | | | | 0.28 | 0.22 | 0.48 | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.28 | 0.27 | 0.48 | 60 | | | | 0.28 | 0.20 | 0.42 | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 mm | No Grid | 0.27 | 0.30 | 0.54 | 58 | | | | 0.27 | 0.22 | 0.47 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.27 | 0.27 | 0.48 | 58 | | | | 0.27 | 0.20 | 0.42 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

**Stainless
Foam Filled**

| Double Pane | | | | | | | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|----|-----------------|---------|------|----|----|---|----|-----------------------------|---|---------|------|----|----|---|-----------------------|----|---|---------|------|----|----|----------------------------|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ² | | | | | | | XL ² | | | | | | | Supreme ² Triple | | | | | | | Ultimate ² | | | | | | | Ultimate ² Plus | | | | | | | | | | | |
| 7036/C-AR | | | | | | | 6227/C-AR | | | | | | | 7036/C/C-AR | | | | | | | 7036/7036/C-AR | | | | | | | 7036/7036/C-KR | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.26 | 0.33 | 0.60 | 61 | | | | 0.26 | 0.23 | 0.53 | 62 | | | | | 0.20 | 0.31 | 0.55 | 69 | | | | | 0.16 | 0.26 | 0.47 | 75 | | | | | 0.13 | 0.26 | 0.47 | 77 | | | | |
| | | Grid | 0.26 | 0.30 | 0.54 | 61 | | | | 0.26 | 0.21 | 0.48 | 62 | | | | | 0.21 | 0.28 | 0.49 | 69 | | | | | 0.16 | 0.24 | 0.42 | 75 | | | | | 0.14 | 0.24 | 0.42 | 77 | | | | |
| | 3 mm | No Grid | 0.26 | 0.33 | 0.60 | 61 | | | | 0.26 | 0.23 | 0.53 | 61 | | | | | 0.21 | 0.31 | 0.55 | 68 | | | | | 0.17 | 0.26 | 0.47 | 73 | | | | | 0.13 | 0.26 | 0.47 | 77 | | | | |
| | | Grid | 0.26 | 0.30 | 0.54 | 61 | | | | 0.26 | 0.21 | 0.48 | 61 | | | | | 0.22 | 0.28 | 0.49 | 68 | | | | | 0.17 | 0.24 | 0.42 | 73 | | | | | 0.14 | 0.24 | 0.42 | 77 | | | | |
| | 4 mm | No Grid | 0.26 | 0.33 | 0.59 | 60 | | | | 0.25 | 0.23 | 0.53 | 60 | | | | | 0.23 | 0.30 | 0.54 | 66 | | | | | 0.18 | 0.26 | 0.46 | 71 | | | | | 0.14 | 0.26 | 0.46 | 75 | | | | |
| | | Grid | 0.26 | 0.30 | 0.53 | 60 | | | | 0.25 | 0.21 | 0.47 | 60 | | | | | 0.23 | 0.28 | 0.48 | 66 | | | | | 0.18 | 0.24 | 0.41 | 71 | | | | | 0.14 | 0.23 | 0.41 | 75 | | | | |
| ThermalWeld Plus | 2.5 mm | No Grid | 0.27 | 0.32 | 0.57 | 60 | | | | 0.26 | 0.23 | 0.51 | 60 | | | | | 0.21 | 0.29 | 0.53 | 67 | | | | | 0.16 | 0.25 | 0.45 | 73 | | | | | 0.14 | 0.25 | 0.45 | 76 | | | | |
| | | Grid | 0.27 | 0.29 | 0.51 | 60 | | | | 0.26 | 0.21 | 0.45 | 60 | | | | | 0.22 | 0.27 | 0.47 | 67 | | | | | 0.17 | 0.23 | 0.40 | 73 | | | | | 0.14 | 0.23 | 0.40 | 76 | | | | |
| | 3 mm | No Grid | 0.26 | 0.31 | 0.57 | 60 | | | | 0.26 | 0.23 | 0.50 | 60 | | | | | 0.22 | 0.29 | 0.52 | 66 | | | | | 0.17 | 0.25 | 0.44 | 71 | | | | | 0.14 | 0.25 | 0.44 | 74 | | | | |
| | | Grid | 0.26 | 0.28 | 0.51 | 60 | | | | 0.26 | 0.21 | 0.45 | 60 | | | | | 0.23 | 0.26 | 0.47 | 66 | | | | | 0.18 | 0.23 | 0.40 | 71 | | | | | 0.14 | 0.22 | 0.40 | 74 | | | | |
| | 4 mm | No Grid | 0.26 | 0.31 | 0.57 | 59 | | | | 0.26 | 0.23 | 0.50 | 59 | | | | | 0.23 | 0.29 | 0.52 | 64 | | | | | 0.19 | 0.25 | 0.44 | 69 | | | | | 0.15 | 0.25 | 0.44 | 73 | | | | |
| | | Grid | 0.26 | 0.28 | 0.51 | 59 | | | | 0.26 | 0.21 | 0.45 | 59 | | | | | 0.24 | 0.26 | 0.46 | 64 | | | | | 0.19 | 0.22 | 0.39 | 69 | | | | | 0.15 | 0.22 | 0.39 | 73 | | | | |
| DynaWeld | 2.5 mm | No Grid | 0.26 | 0.32 | 0.58 | 62 | | | | 0.26 | 0.22 | 0.52 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.26 | 0.29 | 0.52 | 62 | | | | 0.26 | 0.20 | 0.46 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 mm | No Grid | 0.26 | 0.32 | 0.58 | 61 | | | | 0.26 | 0.22 | 0.51 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.26 | 0.29 | 0.52 | 61 | | | | 0.26 | 0.20 | 0.46 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 mm | No Grid | 0.26 | 0.32 | 0.57 | 60 | | | | 0.25 | 0.22 | 0.51 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.26 | 0.29 | 0.51 | 60 | | | | 0.25 | 0.20 | 0.46 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Casement Picture Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|------|------|------|----|--|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.26 | 0.30 | 0.55 | 62 | | | | 0.26 | 0.22 | 0.49 | 63 | | | | | 0.21 | 0.28 | 0.50 | 70 | | | | | 0.16 | 0.24 | 0.43 | 76 | | | | | 0.14 | 0.24 | 0.43 | 77 | | | | |
| | | Grid | 0.26 | 0.27 | 0.49 | 62 | | | | 0.26 | 0.20 | 0.43 | 63 | | | | | 0.21 | 0.26 | 0.45 | 70 | | | | | 0.17 | 0.22 | 0.38 | 76 | | | | | 0.14 | 0.22 | 0.38 | 77 | | | | |
| | 3 mm | No Grid | 0.26 | 0.30 | 0.55 | 62 | | | | 0.26 | 0.22 | 0.48 | 62 | | | | | 0.22 | 0.28 | 0.50 | 68 | | | | | 0.17 | 0.24 | 0.43 | 74 | | | | | 0.14 | 0.24 | 0.43 | 77 | | | | |
| | | Grid | 0.26 | 0.27 | 0.49 | 62 | | | | 0.26 | 0.20 | 0.43 | 62 | | | | | 0.22 | 0.25 | 0.45 | 68 | | | | | 0.18 | 0.22 | 0.38 | 74 | | | | | 0.15 | 0.22 | 0.38 | 77 | | | | |
| | 4 mm | No Grid | 0.26 | 0.30 | 0.54 | 61 | | | | 0.26 | 0.22 | 0.48 | 61 | | | | | 0.23 | 0.28 | 0.49 | 67 | | | | | 0.19 | 0.24 | 0.42 | 72 | | | | | 0.15 | 0.24 | 0.42 | 76 | | | | |
| | | Grid | 0.26 | 0.27 | 0.48 | 61 | | | | 0.26 | 0.20 | 0.43 | 61 | | | | | 0.24 | 0.25 | 0.44 | 67 | | | | | 0.19 | 0.22 | 0.38 | 72 | | | | | 0.15 | 0.21 | 0.38 | 76 | | | | |



Thermal Performance/Energy Star Qualification Chart - 2016 criteria

Windows are tested and certified to the NFRC Specification for the thermal performance of the entire window unit.

**Stainless
Foam Filled**

| Double Pane | | | | | | | | | | | | | Triple Pane | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|----|----|---|----|-----------------|---|---------|------|----|----|-----------------------------|-------------|----|---|---------|------|-----------------------|----|---|----|----|---|----------------------------|------|----|----|---|----|----|---|---------|------|----|----|---|----|----|---|
| Supreme ² | | | | | | XL ² | | | | | | Supreme ² Triple | | | | | | Ultimate ² | | | | | | Ultimate ² Plus | | | | | | | | | | | | | | | |
| 7036/C-AR | | | | | | 6227/C-AR | | | | | | 7036/C/C-AR | | | | | | 7036/7036/C-AR | | | | | | 7036/7036/C-KR | | | | | | | | | | | | | | | |
| U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S | U-Value | SHGC | VT | CR | N | NC | SC | S |

Casement Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.24 | 0.26 | 0.47 | 61 | | | | 0.24 | 0.19 | 0.41 | 61 | | | | 0.20 | 0.24 | 0.43 | 67 | | | | 0.16 | 0.21 | 0.36 | 73 | | | | 0.15 | 0.21 | 0.36 | 75 | | | |
| | | Grid | 0.24 | 0.24 | 0.42 | 61 | | | | 0.24 | 0.17 | 0.37 | 61 | | | | 0.20 | 0.22 | 0.39 | 67 | | | | 0.16 | 0.19 | 0.33 | 73 | | | | 0.15 | 0.19 | 0.33 | 75 | | | |
| | 3 mm | No Grid | 0.24 | 0.26 | 0.46 | 61 | | | | 0.24 | 0.19 | 0.41 | 61 | | | | 0.21 | 0.24 | 0.42 | 65 | | | | 0.17 | 0.21 | 0.36 | 71 | | | | 0.15 | 0.21 | 0.36 | 74 | | | |
| | | Grid | 0.24 | 0.24 | 0.42 | 61 | | | | 0.24 | 0.17 | 0.37 | 61 | | | | 0.21 | 0.22 | 0.38 | 65 | | | | 0.17 | 0.19 | 0.33 | 71 | | | | 0.15 | 0.19 | 0.33 | 74 | | | |

Awning Window Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 2.5 mm | No Grid | 0.25 | 0.26 | 0.47 | 57 | | | | 0.25 | 0.19 | 0.41 | 57 | | | | 0.20 | 0.24 | 0.43 | 68 | | | | 0.16 | 0.21 | 0.36 | 73 | | | | 0.15 | 0.21 | 0.36 | 75 | | | |
| | | Grid | 0.25 | 0.24 | 0.42 | 57 | | | | 0.25 | 0.17 | 0.37 | 57 | | | | 0.20 | 0.22 | 0.39 | 68 | | | | 0.16 | 0.19 | 0.33 | 73 | | | | 0.15 | 0.19 | 0.33 | 75 | | | |
| | 3 mm | No Grid | 0.25 | 0.26 | 0.46 | 57 | | | | 0.24 | 0.19 | 0.41 | 57 | | | | 0.21 | 0.24 | 0.42 | 66 | | | | 0.17 | 0.21 | 0.36 | 71 | | | | 0.15 | 0.20 | 0.36 | 74 | | | |
| | | Grid | 0.25 | 0.24 | 0.42 | 57 | | | | 0.24 | 0.17 | 0.37 | 57 | | | | 0.21 | 0.22 | 0.38 | 66 | | | | 0.17 | 0.19 | 0.33 | 71 | | | | 0.15 | 0.19 | 0.33 | 74 | | | |

Patio Door Performance

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|------|------|------|----|--|--|--|
| UltraWeld | 3 mm | No Grid | 0.29 | 0.31 | 0.56 | 59 | | | | 0.29 | 0.23 | 0.49 | 59 | | | | 0.26 | 0.29 | 0.51 | 62 | | | | 0.21 | 0.25 | 0.43 | 62 | | | | 0.17 | 0.24 | 0.43 | 63 | | | |
| | | Grid | 0.29 | 0.27 | 0.49 | 59 | | | | 0.29 | 0.20 | 0.43 | 59 | | | | 0.27 | 0.26 | 0.45 | 62 | | | | 0.22 | 0.22 | 0.38 | 62 | | | | 0.18 | 0.22 | 0.38 | 63 | | | |
| ThermalWeld Plus | 3 mm | No Grid | 0.30 | 0.31 | 0.56 | 58 | | | | 0.30 | 0.22 | 0.49 | 58 | | | | 0.27 | 0.29 | 0.51 | 60 | | | | 0.22 | 0.24 | 0.43 | 60 | | | | 0.18 | 0.24 | 0.43 | 61 | | | |
| | | Grid | 0.30 | 0.27 | 0.49 | 58 | | | | 0.30 | 0.20 | 0.43 | 58 | | | | 0.28 | 0.25 | 0.45 | 60 | | | | 0.23 | 0.22 | 0.38 | 60 | | | | 0.19 | 0.22 | 0.38 | 61 | | | |
| DynaWeld | 3 mm | No Grid | 0.30 | 0.31 | 0.56 | 58 | | | | 0.30 | 0.22 | 0.49 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Grid | 0.30 | 0.27 | 0.49 | 58 | | | | 0.30 | 0.20 | 0.43 | 58 | | | | | | | | | | | | | | | | | | | | | | | | |