



| Intercept Spacer               |        |         | Double Pane     |      |      |    |   |         |      |      | Triple Pane            |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|--------------------------------|--------|---------|-----------------|------|------|----|---|---------|------|------|------------------------|------|----|----|---|---------|------|------|--------------------------|----|----|----|---|--|--|--|
|                                |        |         | XL <sup>2</sup> |      |      |    |   |         |      |      | XL <sup>2</sup> Triple |      |    |    |   |         |      |      | XL Ultimate <sup>2</sup> |    |    |    |   |  |  |  |
|                                |        |         |                 |      |      |    |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        |         | 366/C-AR        |      |      |    |   |         |      |      | 366/C/C-AR             |      |    |    |   |         |      |      | 366/366/C-AR             |    |    |    |   |  |  |  |
| 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 |        |         |                 |      |      |    |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
| ThermalWeld Select             | 2.5 mm | No Grid | 0.28            | 0.21 | 0.50 | 57 |   |         |      | 0.23 | 0.20                   | 0.46 | 64 |    |   |         | 0.19 | 0.16 | 0.37                     | 67 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.28            | 0.19 | 0.45 | 57 |   |         |      | 0.24 | 0.18                   | 0.41 | 64 |    |   |         | 0.19 | 0.15 | 0.33                     | 67 | *  | *  | * |  |  |  |
|                                | 3 mm   | No Grid | 0.28            | 0.21 | 0.50 | 56 |   |         |      | 0.24 | 0.20                   | 0.46 | 63 |    |   |         | 0.20 | 0.16 | 0.36                     | 66 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.28            | 0.19 | 0.44 | 56 |   |         |      | 0.25 | 0.18                   | 0.41 | 63 |    |   |         | 0.20 | 0.15 | 0.32                     | 66 | *  | *  | * |  |  |  |
| ThermalWeld Plus               | 2.5 mm | No Grid | 0.28            | 0.21 | 0.50 | 57 |   |         |      | 0.23 | 0.20                   | 0.46 | 64 |    |   |         | 0.19 | 0.16 | 0.37                     | 67 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.28            | 0.19 | 0.45 | 57 |   |         |      | 0.24 | 0.18                   | 0.41 | 64 |    |   |         | 0.19 | 0.15 | 0.33                     | 67 | *  | *  | * |  |  |  |
|                                | 3 mm   | No Grid | 0.28            | 0.21 | 0.50 | 56 |   |         |      | 0.24 | 0.20                   | 0.46 | 63 |    |   |         | 0.20 | 0.16 | 0.36                     | 66 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.28            | 0.19 | 0.44 | 56 |   |         |      | 0.25 | 0.18                   | 0.41 | 63 |    |   |         | 0.20 | 0.15 | 0.32                     | 66 | *  | *  | * |  |  |  |
| Edge                           | 2.5 mm | No Grid | 0.28            | 0.21 | 0.50 | 57 |   |         |      | 0.23 | 0.20                   | 0.46 | 64 |    |   |         | 0.19 | 0.16 | 0.37                     | 67 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.28            | 0.19 | 0.45 | 57 |   |         |      | 0.24 | 0.18                   | 0.41 | 64 |    |   |         | 0.19 | 0.15 | 0.33                     | 67 | *  | *  | * |  |  |  |
|                                | 3 mm   | No Grid | 0.28            | 0.21 | 0.50 | 56 |   |         |      | 0.24 | 0.20                   | 0.46 | 63 |    |   |         | 0.20 | 0.16 | 0.36                     | 66 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.28            | 0.19 | 0.44 | 56 |   |         |      | 0.25 | 0.18                   | 0.41 | 63 |    |   |         | 0.20 | 0.15 | 0.32                     | 66 | *  | *  | * |  |  |  |
| DynaWeld                       | 2.5 mm | No Grid | 0.30            | 0.21 | 0.51 | 56 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.30            | 0.19 | 0.45 | 56 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                | 3 mm   | No Grid | 0.29            | 0.21 | 0.50 | 55 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.29            | 0.19 | 0.45 | 55 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
| MasterWeld                     | 2.5 mm | No Grid | 0.30            | 0.21 | 0.51 | 56 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.30            | 0.19 | 0.45 | 56 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                | 3 mm   | No Grid | 0.29            | 0.21 | 0.50 | 55 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.29            | 0.19 | 0.45 | 55 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
| Slider Window Performance      |        |         |                 |      |      |    |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
| Series 7400                    | 2.5 mm | No Grid | 0.28            | 0.21 | 0.49 | 58 |   |         |      | 0.23 | 0.19                   | 0.45 | 63 |    |   |         | 0.19 | 0.16 | 0.36                     | 67 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.28            | 0.19 | 0.44 | 58 |   |         |      | 0.24 | 0.17                   | 0.40 | 63 |    |   |         | 0.19 | 0.15 | 0.32                     | 67 | *  | *  | * |  |  |  |
|                                | 3 mm   | No Grid | 0.28            | 0.21 | 0.49 | 57 |   |         |      | 0.24 | 0.19                   | 0.45 | 61 |    |   |         | 0.20 | 0.16 | 0.35                     | 65 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.28            | 0.19 | 0.43 | 57 |   |         |      | 0.25 | 0.17                   | 0.40 | 61 |    |   |         | 0.20 | 0.15 | 0.31                     | 65 | *  | *  | * |  |  |  |
| Edge                           | 2.5 mm | No Grid | 0.28            | 0.21 | 0.49 | 58 |   |         |      | 0.23 | 0.19                   | 0.45 | 63 |    |   |         | 0.19 | 0.16 | 0.36                     | 67 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.28            | 0.19 | 0.44 | 58 |   |         |      | 0.24 | 0.17                   | 0.40 | 63 |    |   |         | 0.19 | 0.15 | 0.32                     | 67 | *  | *  | * |  |  |  |
|                                | 3 mm   | No Grid | 0.28            | 0.21 | 0.49 | 57 |   |         |      | 0.24 | 0.19                   | 0.45 | 61 |    |   |         | 0.20 | 0.16 | 0.35                     | 65 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.28            | 0.19 | 0.43 | 57 |   |         |      | 0.25 | 0.17                   | 0.40 | 61 |    |   |         | 0.20 | 0.15 | 0.31                     | 65 | *  | *  | * |  |  |  |
| DynaWeld                       | 2.5 mm | No Grid | 0.29            | 0.21 | 0.50 | 56 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.29            | 0.19 | 0.45 | 56 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                | 3 mm   | No Grid | 0.29            | 0.21 | 0.50 | 56 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.29            | 0.19 | 0.44 | 56 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
| Picture Window Performance     |        |         |                 |      |      |    |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
| Series 7400                    | 2.5 mm | No Grid | 0.27            | 0.22 | 0.53 | 59 |   |         |      | 0.22 | 0.21                   | 0.49 | 65 |    |   | *       | 0.17 | 0.17 | 0.39                     | 70 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.27            | 0.20 | 0.48 | 59 |   |         |      | 0.23 | 0.19                   | 0.44 | 65 |    |   |         | 0.18 | 0.16 | 0.35                     | 70 | *  | *  | * |  |  |  |
|                                | 3 mm   | No Grid | 0.27            | 0.22 | 0.53 | 58 |   |         |      | 0.23 | 0.21                   | 0.48 | 64 |    |   |         | 0.18 | 0.17 | 0.38                     | 68 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.27            | 0.20 | 0.47 | 58 |   |         |      | 0.23 | 0.19                   | 0.43 | 64 |    |   |         | 0.19 | 0.16 | 0.34                     | 68 | *  | *  | * |  |  |  |
|                                | 4 mm   | No Grid | 0.27            | 0.22 | 0.52 | 57 |   |         |      | 0.24 | 0.21                   | 0.48 | 62 |    |   |         | 0.20 | 0.17 | 0.38                     | 66 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.27            | 0.20 | 0.47 | 57 |   |         |      | 0.25 | 0.19                   | 0.43 | 62 |    |   |         | 0.20 | 0.16 | 0.34                     | 66 | *  | *  | * |  |  |  |
| Edge                           | 2.5 mm | No Grid | 0.27            | 0.22 | 0.53 | 59 |   |         |      | 0.22 | 0.21                   | 0.49 | 65 |    |   | *       | 0.17 | 0.17 | 0.39                     | 70 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.27            | 0.20 | 0.48 | 59 |   |         |      | 0.23 | 0.19                   | 0.44 | 65 |    |   |         | 0.18 | 0.16 | 0.35                     | 70 | *  | *  | * |  |  |  |
|                                | 3 mm   | No Grid | 0.27            | 0.22 | 0.53 | 58 |   |         |      | 0.23 | 0.21                   | 0.48 | 64 |    |   |         | 0.18 | 0.17 | 0.38                     | 68 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.27            | 0.20 | 0.47 | 58 |   |         |      | 0.23 | 0.19                   | 0.43 | 64 |    |   |         | 0.19 | 0.16 | 0.34                     | 68 | *  | *  | * |  |  |  |
|                                | 4 mm   | No Grid | 0.27            | 0.22 | 0.52 | 57 |   |         |      | 0.24 | 0.21                   | 0.48 | 62 |    |   |         | 0.20 | 0.17 | 0.38                     | 66 | *  | *  | * |  |  |  |
|                                |        | Grid    | 0.27            | 0.20 | 0.47 | 57 |   |         |      | 0.25 | 0.19                   | 0.43 | 62 |    |   |         | 0.20 | 0.16 | 0.34                     | 66 | *  | *  | * |  |  |  |
| DynaWeld                       | 2.5 mm | No Grid | 0.28            | 0.23 | 0.55 | 59 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.28            | 0.21 | 0.49 | 59 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                | 3 mm   | No Grid | 0.28            | 0.23 | 0.54 | 58 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.28            | 0.21 | 0.48 | 58 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                | 4 mm   | No Grid | 0.28            | 0.23 | 0.54 | 57 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.28            | 0.21 | 0.48 | 57 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
| MasterWeld                     | 2.5 mm | No Grid | 0.28            | 0.23 | 0.55 | 59 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.28            | 0.21 | 0.49 | 59 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                | 3 mm   | No Grid | 0.28            | 0.23 | 0.54 | 58 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.28            | 0.21 | 0.48 | 58 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                | 4 mm   | No Grid | 0.28            | 0.23 | 0.54 | 57 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |
|                                |        | Grid    | 0.28            | 0.21 | 0.48 | 57 |   |         |      |      |                        |      |    |    |   |         |      |      |                          |    |    |    |   |  |  |  |



# Energy Star V7/Energy Star Most Efficient Qualification Chart

Intercept Spacer

| Intercept Spacer                                      |        | Double Pane     |      |      |      |    |    |    |   |         |      |      |    | Triple Pane            |    |    |   |         |      |      |    |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------|--------|-----------------|------|------|------|----|----|----|---|---------|------|------|----|------------------------|----|----|---|---------|------|------|----|---|----|----|---|--------------------------|--|--|--|--|--|--|--|--|--|--|--|
|                                                       |        | XL <sup>2</sup> |      |      |      |    |    |    |   |         |      |      |    | XL <sup>2</sup> Triple |    |    |   |         |      |      |    |   |    |    |   | XL Ultimate <sup>2</sup> |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | 366/C-AR        |      |      |      |    |    |    |   |         |      |      |    | 366/C/C-AR             |    |    |   |         |      |      |    |   |    |    |   | 366/366/C-AR             |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | 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 Picture Window Performance                   |        |                 |      |      |      |    |    |    |   |         |      |      |    |                        |    |    |   |         |      |      |    |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
| Series 8600                                           | 2.5 mm | No Grid         | 0.27 | 0.23 | 0.54 | 60 |    |    |   | 0.22    | 0.21 | 0.49 | 67 |                        |    |    | * | 0.17    | 0.18 | 0.39 | 70 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.20 | 0.48 | 60 |    |    |   | 0.22    | 0.19 | 0.44 | 67 |                        |    |    | * | 0.18    | 0.16 | 0.35 | 70 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       | 3 mm   | No Grid         | 0.27 | 0.22 | 0.53 | 59 |    |    |   | 0.23    | 0.21 | 0.48 | 65 |                        |    |    |   | 0.18    | 0.18 | 0.38 | 70 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.20 | 0.47 | 59 |    |    |   | 0.23    | 0.19 | 0.43 | 65 |                        |    |    |   | 0.19    | 0.16 | 0.34 | 70 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       | 4 mm   | No Grid         | 0.27 | 0.23 | 0.53 | 58 |    |    |   | 0.24    | 0.21 | 0.48 | 64 |                        |    |    |   | 0.19    | 0.18 | 0.38 | 68 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.20 | 0.47 | 58 |    |    |   | 0.25    | 0.19 | 0.43 | 64 |                        |    |    |   | 0.20    | 0.16 | 0.34 | 68 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
| Edge                                                  | 2.5 mm | No Grid         | 0.27 | 0.23 | 0.54 | 60 |    |    |   | 0.22    | 0.21 | 0.49 | 67 |                        |    |    | * | 0.17    | 0.18 | 0.39 | 70 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.20 | 0.48 | 60 |    |    |   | 0.22    | 0.19 | 0.44 | 67 |                        |    |    | * | 0.18    | 0.16 | 0.35 | 70 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       | 3 mm   | No Grid         | 0.27 | 0.22 | 0.53 | 59 |    |    |   | 0.23    | 0.21 | 0.48 | 65 |                        |    |    |   | 0.18    | 0.18 | 0.38 | 70 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.20 | 0.47 | 59 |    |    |   | 0.23    | 0.19 | 0.43 | 65 |                        |    |    |   | 0.19    | 0.16 | 0.34 | 70 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       | 4 mm   | No Grid         | 0.27 | 0.23 | 0.53 | 58 |    |    |   | 0.24    | 0.21 | 0.48 | 64 |                        |    |    |   | 0.19    | 0.18 | 0.38 | 68 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.20 | 0.47 | 58 |    |    |   | 0.25    | 0.19 | 0.43 | 64 |                        |    |    |   | 0.20    | 0.16 | 0.34 | 68 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
| Casement Window Performance                           |        |                 |      |      |      |    |    |    |   |         |      |      |    |                        |    |    |   |         |      |      |    |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
| Series 8600                                           | 2.5 mm | No Grid         | 0.27 | 0.20 | 0.47 | 58 |    |    |   | 0.22    | 0.19 | 0.43 | 63 |                        |    |    | * | 0.18    | 0.16 | 0.34 | 68 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.18 | 0.43 | 58 |    |    |   | 0.23    | 0.17 | 0.39 | 63 |                        |    |    |   | 0.19    | 0.14 | 0.31 | 68 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       | 3 mm   | No Grid         | 0.27 | 0.20 | 0.47 | 58 |    |    |   | 0.23    | 0.19 | 0.42 | 61 |                        |    |    |   | 0.19    | 0.16 | 0.33 | 66 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.18 | 0.42 | 58 |    |    |   | 0.24    | 0.17 | 0.39 | 61 |                        |    |    |   | 0.20    | 0.14 | 0.30 | 66 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
| Edge                                                  | 2.5 mm | No Grid         | 0.27 | 0.20 | 0.47 | 58 |    |    |   | 0.22    | 0.19 | 0.43 | 63 |                        |    |    | * | 0.18    | 0.16 | 0.34 | 68 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.18 | 0.43 | 58 |    |    |   | 0.23    | 0.17 | 0.39 | 63 |                        |    |    |   | 0.19    | 0.14 | 0.31 | 68 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       | 3 mm   | No Grid         | 0.27 | 0.20 | 0.47 | 58 |    |    |   | 0.23    | 0.19 | 0.42 | 61 |                        |    |    |   | 0.19    | 0.16 | 0.33 | 66 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.18 | 0.42 | 58 |    |    |   | 0.24    | 0.17 | 0.39 | 61 |                        |    |    |   | 0.20    | 0.14 | 0.30 | 66 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
| Awning Window Performance                             |        |                 |      |      |      |    |    |    |   |         |      |      |    |                        |    |    |   |         |      |      |    |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
| Series 8600                                           | 2.5 mm | No Grid         | 0.27 | 0.20 | 0.47 | 55 |    |    |   | 0.23    | 0.19 | 0.43 | 64 |                        |    |    |   | 0.18    | 0.16 | 0.34 | 68 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.18 | 0.43 | 55 |    |    |   | 0.23    | 0.17 | 0.39 | 64 |                        |    |    |   | 0.18    | 0.14 | 0.31 | 68 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       | 3 mm   | No Grid         | 0.27 | 0.20 | 0.47 | 54 |    |    |   | 0.23    | 0.19 | 0.42 | 63 |                        |    |    |   | 0.19    | 0.16 | 0.33 | 67 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.27 | 0.18 | 0.42 | 54 |    |    |   | 0.24    | 0.17 | 0.39 | 63 |                        |    |    |   | 0.19    | 0.14 | 0.30 | 67 |   | *  | *  | * |                          |  |  |  |  |  |  |  |  |  |  |  |
| Patio Door Performance                                |        |                 |      |      |      |    |    |    |   |         |      |      |    |                        |    |    |   |         |      |      |    |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
| ThermalWeld Select                                    | 3 mm   | No Grid         | 0.30 | 0.22 | 0.52 | 55 |    |    |   | 0.27    | 0.21 | 0.47 | 59 |                        |    |    |   | 0.23    | 0.17 | 0.37 | 59 |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.30 | 0.20 | 0.45 | 55 |    |    |   | 0.28    | 0.18 | 0.41 | 59 |                        |    |    |   | 0.23    | 0.15 | 0.33 | 59 |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
| ThermalWeld Plus                                      | 3 mm   | No Grid         | 0.30 | 0.22 | 0.52 | 55 |    |    |   | 0.27    | 0.21 | 0.47 | 59 |                        |    |    |   | 0.23    | 0.17 | 0.37 | 59 |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.30 | 0.20 | 0.45 | 55 |    |    |   | 0.28    | 0.18 | 0.41 | 59 |                        |    |    |   | 0.24    | 0.15 | 0.33 | 59 |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
| Edge                                                  | 3 mm   | No Grid         | 0.30 | 0.22 | 0.52 | 55 |    |    |   | 0.27    | 0.21 | 0.47 | 59 |                        |    |    |   | 0.23    | 0.17 | 0.37 | 59 |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.30 | 0.20 | 0.45 | 55 |    |    |   | 0.28    | 0.18 | 0.41 | 59 |                        |    |    |   | 0.24    | 0.15 | 0.33 | 59 |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
| DynaWeld                                              | 3 mm   | No Grid         | 0.30 | 0.22 | 0.52 | 55 |    |    |   |         |      |      |    |                        |    |    |   |         |      |      |    |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
|                                                       |        | Grid            | 0.30 | 0.20 | 0.45 | 55 |    |    |   |         |      |      |    |                        |    |    |   |         |      |      |    |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |
| * Indicates ENERGY STAR® Most Efficient<br>Rev.2/2026 |        |                 |      |      |      |    |    |    |   |         |      |      |    |                        |    |    |   |         |      |      |    |   |    |    |   |                          |  |  |  |  |  |  |  |  |  |  |  |

\* Indicates ENERGY STAR® Most Efficient  
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| Stainless Intercept            |        |         | Double Pane     |      |      |      |    |    |    |      | Triple Pane            |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
|--------------------------------|--------|---------|-----------------|------|------|------|----|----|----|------|------------------------|------|------|----|---|----|----|------|--------------------------|------|------|----|---|----|----|---|
|                                |        |         | XL <sup>2</sup> |      |      |      |    |    |    |      | XL <sup>2</sup> Triple |      |      |    |   |    |    |      | XL Ultimate <sup>2</sup> |      |      |    |   |    |    |   |
|                                |        |         | 366/C-AR        |      |      |      |    |    |    |      | 366/C/C-AR             |      |      |    |   |    |    |      | 366/366/C-AR             |      |      |    |   |    |    |   |
|                                |        |         | 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 |        |         |                 |      |      |      |    |    |    |      |                        |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
| ThermalWeld Select             | 2.5 mm | No Grid | 0.27            | 0.21 | 0.50 | 60   |    |    |    | 0.22 | 0.20                   | 0.46 | 67   |    |   |    | *  | 0.18 | 0.16                     | 0.37 | 71   |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.45 | 60   |    |    |    | 0.23 | 0.18                   | 0.41 | 67   |    |   |    |    | 0.18 | 0.15                     | 0.33 | 71   |    | * | *  | *  |   |
|                                |        | 3 mm    | No Grid         | 0.27 | 0.21 | 0.50 | 59 |    |    |      | 0.23                   | 0.20 | 0.46 | 65 |   |    |    |      | 0.19                     | 0.16 | 0.36 | 70 |   | *  | *  | * |
|                                |        |         | Grid            | 0.27 | 0.19 | 0.44 | 59 |    |    |      | 0.24                   | 0.18 | 0.41 | 65 |   |    |    |      | 0.19                     | 0.15 | 0.32 | 70 |   | *  | *  | * |
| ThermalWeld Plus               | 2.5 mm | No Grid | 0.27            | 0.21 | 0.50 | 60   |    |    |    | 0.22 | 0.20                   | 0.46 | 67   |    |   |    | *  | 0.18 | 0.16                     | 0.37 | 71   |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.45 | 60   |    |    |    | 0.23 | 0.18                   | 0.41 | 67   |    |   |    |    | 0.18 | 0.15                     | 0.33 | 71   |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.27            | 0.21 | 0.50 | 59   |    |    |    | 0.23 | 0.20                   | 0.46 | 65   |    |   |    |    | 0.19 | 0.16                     | 0.36 | 70   |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.44 | 59   |    |    |    | 0.24 | 0.18                   | 0.41 | 65   |    |   |    |    | 0.19 | 0.15                     | 0.32 | 70   |    | * | *  | *  |   |
| Edge                           | 2.5 mm | No Grid | 0.27            | 0.21 | 0.50 | 60   |    |    |    | 0.22 | 0.20                   | 0.46 | 67   |    |   |    | *  | 0.18 | 0.16                     | 0.37 | 71   |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.45 | 60   |    |    |    | 0.23 | 0.18                   | 0.41 | 67   |    |   |    |    | 0.18 | 0.15                     | 0.33 | 71   |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.27            | 0.21 | 0.50 | 59   |    |    |    | 0.23 | 0.20                   | 0.46 | 65   |    |   |    |    | 0.19 | 0.16                     | 0.36 | 70   |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.44 | 59   |    |    |    | 0.24 | 0.18                   | 0.41 | 65   |    |   |    |    | 0.19 | 0.15                     | 0.32 | 70   |    | * | *  | *  |   |
| DynaWeld                       | 2.5 mm | No Grid | 0.29            | 0.21 | 0.51 | 59   |    |    |    |      |                        |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
|                                |        | Grid    | 0.29            | 0.19 | 0.45 | 59   |    |    |    |      |                        |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
|                                | 3 mm   | No Grid | 0.28            | 0.21 | 0.50 | 58   |    |    |    |      |                        |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
|                                |        | Grid    | 0.28            | 0.19 | 0.45 | 58   |    |    |    |      |                        |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
| MasterWeld                     | 2.5 mm | No Grid | 0.29            | 0.21 | 0.51 | 59   |    |    |    |      |                        |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
|                                |        | Grid    | 0.29            | 0.19 | 0.45 | 59   |    |    |    |      |                        |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
|                                | 3 mm   | No Grid | 0.28            | 0.21 | 0.50 | 58   |    |    |    |      |                        |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
|                                |        | Grid    | 0.28            | 0.19 | 0.45 | 58   |    |    |    |      |                        |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
| Slider Window Performance      |        |         |                 |      |      |      |    |    |    |      |                        |      |      |    |   |    |    |      |                          |      |      |    |   |    |    |   |
| Series 7400                    | 2.5 mm | No Grid | 0.27            | 0.21 | 0.49 | 60   |    |    |    | 0.22 | 0.19                   | 0.45 | 66   |    |   |    | *  | 0.18 | 0.16                     | 0.36 | 70   |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.44 | 60   |    |    |    | 0.23 | 0.17                   | 0.40 | 66   |    |   |    |    | 0.18 | 0.15                     | 0.32 | 70   |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.27            | 0.21 | 0.49 | 59   |    |    |    | 0.23 | 0.19                   | 0.45 | 64   |    |   |    |    | 0.19 | 0.16                     | 0.35 | 69   |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.43 | 59   |    |    |    | 0.24 | 0.17                   | 0.40 | 64   |    |   |    |    | 0.19 | 0.15                     | 0.31 | 69   |    | * | *  | *  |   |
| Edge                           | 2.5 mm | No Grid | 0.27            | 0.21 | 0.49 | 60   |    |    |    | 0.22 | 0.19                   | 0.45 | 66   |    |   |    | *  | 0.18 | 0.16                     | 0.36 | 70   |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.44 | 60   |    |    |    | 0.23 | 0.17                   | 0.40 | 66   |    |   |    |    | 0.18 | 0.15                     | 0.32 | 70   |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.27            | 0.21 | 0.49 | 59   |    |    |    | 0.23 | 0.19                   | 0.45 | 64   |    |   |    |    | 0.19 | 0.16                     | 0.35 | 69   |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.43 | 59   |    |    |    | 0.24 | 0.17                   | 0.40 | 64   |    |   |    |    | 0.   |                          |      |      |    |   |    |    |   |



# Energy Star V7/Energy Star Most Efficient Qualification Chart

Stainless Intercept

| Stainless Intercept                                   |        | Double Pane     |      |      |      |    |    |    |   |         |      |                        |    |   |    | Triple Pane |   |         |      |      |    |                          |    |    |   |   |  |  |  |  |  |
|-------------------------------------------------------|--------|-----------------|------|------|------|----|----|----|---|---------|------|------------------------|----|---|----|-------------|---|---------|------|------|----|--------------------------|----|----|---|---|--|--|--|--|--|
|                                                       |        | XL <sup>2</sup> |      |      |      |    |    |    |   |         |      | XL <sup>2</sup> Triple |    |   |    |             |   |         |      |      |    | XL Ultimate <sup>2</sup> |    |    |   |   |  |  |  |  |  |
|                                                       |        | 366/C-AR        |      |      |      |    |    |    |   |         |      | 366/C/C-AR             |    |   |    |             |   |         |      |      |    | 366/366/C-AR             |    |    |   |   |  |  |  |  |  |
|                                                       |        | 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 Picture Window Performance                   |        |                 |      |      |      |    |    |    |   |         |      |                        |    |   |    |             |   |         |      |      |    |                          |    |    |   |   |  |  |  |  |  |
| Series 8600                                           | 2.5 mm | No Grid         | 0.26 | 0.23 | 0.54 | 62 |    |    |   | 0.21    | 0.21 | 0.49                   | 70 |   |    |             | * | 0.16    | 0.18 | 0.39 | 73 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.20 | 0.48 | 62 |    |    |   | 0.22    | 0.19 | 0.44                   | 70 |   |    |             | * | 0.17    | 0.16 | 0.35 | 73 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       | 3 mm   | No Grid         | 0.26 | 0.22 | 0.53 | 62 |    |    |   | 0.22    | 0.21 | 0.48                   | 68 |   |    |             | * | 0.17    | 0.18 | 0.38 | 74 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.20 | 0.47 | 62 |    |    |   | 0.23    | 0.19 | 0.43                   | 68 |   |    |             | * | 0.18    | 0.16 | 0.34 | 74 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       | 4 mm   | No Grid         | 0.26 | 0.23 | 0.53 | 61 |    |    |   | 0.23    | 0.21 | 0.48                   | 66 |   |    |             | * | 0.19    | 0.18 | 0.38 | 72 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.20 | 0.47 | 61 |    |    |   | 0.24    | 0.19 | 0.43                   | 66 |   |    |             | * | 0.19    | 0.16 | 0.34 | 72 |                          | *  | *  | * | * |  |  |  |  |  |
| Edge                                                  | 2.5 mm | No Grid         | 0.26 | 0.23 | 0.54 | 62 |    |    |   | 0.21    | 0.21 | 0.49                   | 70 |   |    |             | * | 0.16    | 0.18 | 0.39 | 73 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.20 | 0.48 | 62 |    |    |   | 0.22    | 0.19 | 0.44                   | 70 |   |    |             | * | 0.17    | 0.16 | 0.35 | 73 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       | 3 mm   | No Grid         | 0.26 | 0.22 | 0.53 | 62 |    |    |   | 0.22    | 0.21 | 0.48                   | 68 |   |    |             | * | 0.17    | 0.18 | 0.38 | 74 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.20 | 0.47 | 62 |    |    |   | 0.23    | 0.19 | 0.43                   | 68 |   |    |             | * | 0.18    | 0.16 | 0.34 | 74 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       | 4 mm   | No Grid         | 0.26 | 0.23 | 0.53 | 61 |    |    |   | 0.23    | 0.21 | 0.48                   | 66 |   |    |             | * | 0.19    | 0.18 | 0.38 | 72 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.20 | 0.47 | 61 |    |    |   | 0.24    | 0.19 | 0.43                   | 66 |   |    |             | * | 0.19    | 0.16 | 0.34 | 72 |                          | *  | *  | * | * |  |  |  |  |  |
| Casement Window Performance                           |        |                 |      |      |      |    |    |    |   |         |      |                        |    |   |    |             |   |         |      |      |    |                          |    |    |   |   |  |  |  |  |  |
| Series 8600                                           | 2.5 mm | No Grid         | 0.26 | 0.20 | 0.47 | 61 |    |    |   | 0.21    | 0.19 | 0.43                   | 66 |   |    |             | * | 0.17    | 0.16 | 0.34 | 72 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.18 | 0.43 | 61 |    |    |   | 0.22    | 0.17 | 0.39                   | 66 |   |    |             | * | 0.18    | 0.14 | 0.31 | 72 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       | 3 mm   | No Grid         | 0.26 | 0.20 | 0.47 | 60 |    |    |   | 0.22    | 0.19 | 0.42                   | 64 |   |    |             | * | 0.18    | 0.16 | 0.33 | 70 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.18 | 0.42 | 60 |    |    |   | 0.23    | 0.17 | 0.39                   | 64 |   |    |             | * | 0.19    | 0.14 | 0.30 | 70 |                          | *  | *  | * | * |  |  |  |  |  |
| Edge                                                  | 2.5 mm | No Grid         | 0.26 | 0.20 | 0.47 | 61 |    |    |   | 0.21    | 0.19 | 0.43                   | 66 |   |    |             | * | 0.17    | 0.16 | 0.34 | 72 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.18 | 0.43 | 61 |    |    |   | 0.22    | 0.17 | 0.39                   | 66 |   |    |             | * | 0.18    | 0.14 | 0.31 | 72 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       | 3 mm   | No Grid         | 0.26 | 0.20 | 0.47 | 60 |    |    |   | 0.22    | 0.19 | 0.42                   | 64 |   |    |             | * | 0.18    | 0.16 | 0.33 | 70 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.18 | 0.42 | 60 |    |    |   | 0.23    | 0.17 | 0.39                   | 64 |   |    |             | * | 0.19    | 0.14 | 0.30 | 70 |                          | *  | *  | * | * |  |  |  |  |  |
| Awning Window Performance                             |        |                 |      |      |      |    |    |    |   |         |      |                        |    |   |    |             |   |         |      |      |    |                          |    |    |   |   |  |  |  |  |  |
| Series 8600                                           | 2.5 mm | No Grid         | 0.26 | 0.20 | 0.47 | 57 |    |    |   | 0.22    | 0.19 | 0.43                   | 67 |   |    |             | * | 0.17    | 0.16 | 0.34 | 72 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.18 | 0.43 | 57 |    |    |   | 0.22    | 0.17 | 0.39                   | 67 |   |    |             | * | 0.17    | 0.14 | 0.31 | 72 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       | 3 mm   | No Grid         | 0.26 | 0.20 | 0.47 | 56 |    |    |   | 0.22    | 0.19 | 0.42                   | 65 |   |    |             | * | 0.18    | 0.16 | 0.33 | 70 |                          | *  | *  | * | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.26 | 0.18 | 0.42 | 56 |    |    |   | 0.23    | 0.17 | 0.39                   | 66 |   |    |             | * | 0.18    | 0.14 | 0.30 | 70 |                          | *  | *  | * | * |  |  |  |  |  |
| Patio Door Performance                                |        |                 |      |      |      |    |    |    |   |         |      |                        |    |   |    |             |   |         |      |      |    |                          |    |    |   |   |  |  |  |  |  |
| ThermalWeld Select                                    | 3 mm   | No Grid         | 0.29 | 0.22 | 0.52 | 59 |    |    |   | 0.26    | 0.21 | 0.47                   | 60 |   |    |             | * | 0.22    | 0.17 | 0.37 | 60 |                          |    |    |   | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.29 | 0.20 | 0.45 | 59 |    |    |   | 0.28    | 0.18 | 0.41                   | 60 |   |    |             | * | 0.23    | 0.15 | 0.33 | 60 |                          |    |    |   | * |  |  |  |  |  |
| ThermalWeld Plus                                      | 3 mm   | No Grid         | 0.30 | 0.22 | 0.52 | 59 |    |    |   | 0.27    | 0.21 | 0.47                   | 60 |   |    |             | * | 0.22    | 0.17 | 0.37 | 60 |                          |    |    |   | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.30 | 0.20 | 0.45 | 59 |    |    |   | 0.28    | 0.18 | 0.41                   | 60 |   |    |             | * | 0.23    | 0.15 | 0.33 | 60 |                          |    |    |   | * |  |  |  |  |  |
| Edge                                                  | 3 mm   | No Grid         | 0.30 | 0.22 | 0.52 | 59 |    |    |   | 0.27    | 0.21 | 0.47                   | 60 |   |    |             | * | 0.22    | 0.17 | 0.37 | 60 |                          |    |    |   | * |  |  |  |  |  |
|                                                       |        | Grid            | 0.30 | 0.20 | 0.45 | 59 |    |    |   | 0.28    | 0.18 | 0.41                   | 60 |   |    |             | * | 0.23    | 0.15 | 0.33 | 60 |                          |    |    |   | * |  |  |  |  |  |
| DynaWeld                                              | 3 mm   | No Grid         | 0.30 | 0.22 | 0.52 | 59 |    |    |   |         |      |                        |    |   |    |             |   |         |      |      |    |                          |    |    |   |   |  |  |  |  |  |
|                                                       |        | Grid            | 0.30 | 0.20 | 0.45 | 59 |    |    |   |         |      |                        |    |   |    |             |   |         |      |      |    |                          |    |    |   |   |  |  |  |  |  |
| * Indicates ENERGY STAR® Most Efficient<br>Rev.2/2026 |        |                 |      |      |      |    |    |    |   |         |      |                        |    |   |    |             |   |         |      |      |    |                          |    |    |   |   |  |  |  |  |  |

\* Indicates ENERGY STAR® Most Efficient  
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| Endur                          |        |         | Double Pane     |      |      |    |   |    |    |      | Triple Pane            |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|--------------------------------|--------|---------|-----------------|------|------|----|---|----|----|------|------------------------|------|----|----|---|----|----|------|--------------------------|------|----|----|---|----|----|---|
|                                |        |         | XL <sup>2</sup> |      |      |    |   |    |    |      | XL <sup>2</sup> Triple |      |    |    |   |    |    |      | XL Ultimate <sup>2</sup> |      |    |    |   |    |    |   |
|                                |        |         | 366/C-AR        |      |      |    |   |    |    |      | 366/C/C-AR             |      |    |    |   |    |    |      | 366/366/C-AR             |      |    |    |   |    |    |   |
|                                |        |         | 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 |        |         |                 |      |      |    |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| ThermalWeld Select             | 2.5 mm | No Grid | 0.27            | 0.21 | 0.50 | 59 |   |    |    | 0.22 | 0.20                   | 0.46 | 67 |    |   |    | *  | 0.18 | 0.16                     | 0.37 | 71 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.45 | 59 |   |    |    | 0.23 | 0.18                   | 0.41 | 67 |    |   |    | *  | 0.18 | 0.15                     | 0.33 | 71 |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.27            | 0.21 | 0.50 | 59 |   |    |    | 0.23 | 0.20                   | 0.46 | 65 |    |   |    | *  | 0.19 | 0.16                     | 0.36 | 69 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.44 | 59 |   |    |    | 0.24 | 0.18                   | 0.41 | 65 |    |   |    | *  | 0.19 | 0.15                     | 0.32 | 69 |    | * | *  | *  |   |
| ThermalWeld Plus               | 2.5 mm | No Grid | 0.27            | 0.21 | 0.50 | 59 |   |    |    | 0.22 | 0.20                   | 0.46 | 67 |    |   |    | *  | 0.18 | 0.16                     | 0.37 | 71 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.45 | 59 |   |    |    | 0.23 | 0.18                   | 0.41 | 67 |    |   |    | *  | 0.18 | 0.15                     | 0.33 | 71 |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.27            | 0.21 | 0.50 | 59 |   |    |    | 0.23 | 0.20                   | 0.46 | 65 |    |   |    | *  | 0.19 | 0.16                     | 0.36 | 69 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.44 | 59 |   |    |    | 0.24 | 0.18                   | 0.41 | 65 |    |   |    | *  | 0.19 | 0.15                     | 0.32 | 69 |    | * | *  | *  |   |
| Edge                           | 2.5 mm | No Grid | 0.27            | 0.21 | 0.50 | 59 |   |    |    | 0.22 | 0.20                   | 0.46 | 67 |    |   |    | *  | 0.18 | 0.16                     | 0.37 | 71 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.45 | 59 |   |    |    | 0.23 | 0.18                   | 0.41 | 67 |    |   |    | *  | 0.18 | 0.15                     | 0.33 | 71 |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.27            | 0.21 | 0.50 | 59 |   |    |    | 0.23 | 0.20                   | 0.46 | 65 |    |   |    | *  | 0.19 | 0.16                     | 0.36 | 69 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.44 | 59 |   |    |    | 0.24 | 0.18                   | 0.41 | 65 |    |   |    | *  | 0.19 | 0.15                     | 0.32 | 69 |    | * | *  | *  |   |
| DynaWeld                       | 2.5 mm | No Grid | 0.29            | 0.21 | 0.51 | 59 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.29            | 0.19 | 0.45 | 59 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                | 3 mm   | No Grid | 0.29            | 0.21 | 0.50 | 58 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.29            | 0.19 | 0.45 | 58 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| MasterWeld                     | 2.5 mm | No Grid | 0.29            | 0.21 | 0.51 | 59 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.29            | 0.19 | 0.45 | 59 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                | 3 mm   | No Grid | 0.29            | 0.21 | 0.50 | 58 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.29            | 0.19 | 0.45 | 58 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| Slider Window Performance      |        |         |                 |      |      |    |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| Series 7400                    | 2.5 mm | No Grid | 0.27            | 0.21 | 0.49 | 60 |   |    |    | 0.22 | 0.19                   | 0.45 | 65 |    |   |    | *  | 0.18 | 0.16                     | 0.36 | 70 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.44 | 60 |   |    |    | 0.23 | 0.17                   | 0.40 | 65 |    |   |    | *  | 0.18 | 0.15                     | 0.32 | 70 |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.27            | 0.21 | 0.49 | 59 |   |    |    | 0.23 | 0.19                   | 0.45 | 64 |    |   |    | *  | 0.19 | 0.16                     | 0.35 | 69 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.43 | 59 |   |    |    | 0.24 | 0.17                   | 0.40 | 64 |    |   |    | *  | 0.19 | 0.15                     | 0.31 | 69 |    | * | *  | *  |   |
| Edge                           | 2.5 mm | No Grid | 0.27            | 0.21 | 0.49 | 60 |   |    |    | 0.22 | 0.19                   | 0.45 | 65 |    |   |    | *  | 0.18 | 0.16                     | 0.36 | 70 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.44 | 60 |   |    |    | 0.23 | 0.17                   | 0.40 | 65 |    |   |    | *  | 0.18 | 0.15                     | 0.32 | 70 |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.27            | 0.21 | 0.49 | 59 |   |    |    | 0.23 | 0.19                   | 0.45 | 64 |    |   |    | *  | 0.19 | 0.16                     | 0.35 | 69 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.19 | 0.43 | 59 |   |    |    | 0.24 | 0.17                   | 0.40 | 64 |    |   |    | *  | 0.19 | 0.15                     | 0.31 | 69 |    | * | *  | *  |   |
| DynaWeld                       | 2.5 mm | No Grid | 0.29            | 0.21 | 0.50 | 59 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.29            | 0.19 | 0.45 | 59 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                | 3 mm   | No Grid | 0.28            | 0.21 | 0.50 | 58 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.28            | 0.19 | 0.44 | 58 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| Picture Window Performance     |        |         |                 |      |      |    |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| Series 7400                    | 2.5 mm | No Grid | 0.27            | 0.22 | 0.53 | 61 |   |    |    | 0.21 | 0.21                   | 0.49 | 68 |    |   |    | *  | 0.17 | 0.17                     | 0.39 | 74 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.20 | 0.48 | 61 |   |    |    | 0.22 | 0.19                   | 0.44 | 68 |    |   |    | *  | 0.17 | 0.16                     | 0.35 | 74 |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.26            | 0.22 | 0.53 | 60 |   |    |    | 0.22 | 0.21                   | 0.48 | 66 |    |   |    | *  | 0.18 | 0.17                     | 0.38 | 72 |    | * | *  | *  |   |
|                                |        | Grid    | 0.26            | 0.20 | 0.47 | 60 |   |    |    | 0.23 | 0.19                   | 0.43 | 66 |    |   |    | *  | 0.18 | 0.16                     | 0.34 | 72 |    | * | *  | *  |   |
|                                | 4 mm   | No Grid | 0.26            | 0.22 | 0.52 | 59 |   |    |    | 0.23 | 0.21                   | 0.48 | 65 |    |   |    | *  | 0.19 | 0.17                     | 0.38 | 69 |    | * | *  | *  |   |
|                                |        | Grid    | 0.26            | 0.20 | 0.47 | 59 |   |    |    | 0.24 | 0.19                   | 0.43 | 65 |    |   |    | *  | 0.19 | 0.16                     | 0.34 | 69 |    | * | *  | *  |   |
| Edge                           | 2.5 mm | No Grid | 0.27            | 0.22 | 0.53 | 61 |   |    |    | 0.21 | 0.21                   | 0.49 | 68 |    |   |    | *  | 0.17 | 0.17                     | 0.39 | 74 |    | * | *  | *  |   |
|                                |        | Grid    | 0.27            | 0.20 | 0.48 | 61 |   |    |    | 0.22 | 0.19                   | 0.44 | 68 |    |   |    | *  | 0.17 | 0.16                     | 0.35 | 74 |    | * | *  | *  |   |
|                                | 3 mm   | No Grid | 0.26            | 0.22 | 0.53 | 60 |   |    |    | 0.22 | 0.21                   | 0.48 | 66 |    |   |    | *  | 0.18 | 0.17                     | 0.38 | 72 |    | * | *  | *  |   |
|                                |        | Grid    | 0.26            | 0.20 | 0.47 | 60 |   |    |    | 0.23 | 0.19                   | 0.43 | 66 |    |   |    | *  | 0.18 | 0.16                     | 0.34 | 72 |    | * | *  | *  |   |
|                                | 4 mm   | No Grid | 0.26            | 0.22 | 0.52 | 59 |   |    |    | 0.23 | 0.21                   | 0.48 | 65 |    |   |    | *  | 0.19 | 0.17                     | 0.38 | 69 |    | * | *  | *  |   |
|                                |        | Grid    | 0.26            | 0.20 | 0.47 | 59 |   |    |    | 0.24 | 0.19                   | 0.43 | 65 |    |   |    | *  | 0.19 | 0.16                     | 0.34 | 69 |    | * | *  | *  |   |
| DynaWeld                       | 2.5 mm | No Grid | 0.28            | 0.23 | 0.55 | 61 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.28            | 0.21 | 0.49 | 61 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                | 3 mm   | No Grid | 0.27            | 0.23 | 0.54 | 61 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.27            | 0.21 | 0.48 | 61 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                | 4 mm   | No Grid | 0.27            | 0.23 | 0.54 | 60 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.27            | 0.21 | 0.48 | 60 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| MasterWeld                     | 2.5 mm | No Grid | 0.28            | 0.23 | 0.55 | 61 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.28            | 0.21 | 0.49 | 61 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                | 3 mm   | No Grid | 0.27            | 0.23 | 0.54 | 61 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.27            | 0.21 | 0.48 | 61 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                | 4 mm   | No Grid | 0.27            | 0.23 | 0.54 | 60 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                |        | Grid    | 0.27            | 0.21 | 0.48 | 60 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |

## Endur

| Endur                                                 |        |         | Double Pane     |      |      |    |   |    |    |      | Triple Pane            |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|-------------------------------------------------------|--------|---------|-----------------|------|------|----|---|----|----|------|------------------------|------|----|----|---|----|----|------|--------------------------|------|----|----|---|----|----|---|
|                                                       |        |         | XL <sup>2</sup> |      |      |    |   |    |    |      | XL <sup>2</sup> Triple |      |    |    |   |    |    |      | XL Ultimate <sup>2</sup> |      |    |    |   |    |    |   |
|                                                       |        |         | 366/C-AR        |      |      |    |   |    |    |      | 366/C/C-AR             |      |    |    |   |    |    |      | 366/366/C-AR             |      |    |    |   |    |    |   |
|                                                       |        |         | 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 Picture Window                               |        |         |                 |      |      |    |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| Series 8600                                           | 2.5 mm | No Grid | 0.27            | 0.23 | 0.54 | 62 |   |    |    | 0.21 | 0.21                   | 0.49 | 70 |    |   |    | *  | 0.16 | 0.18                     | 0.39 | 73 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.27            | 0.20 | 0.48 | 62 |   |    |    | 0.22 | 0.19                   | 0.44 | 70 |    |   |    | *  | 0.17 | 0.16                     | 0.35 | 73 |    | * | *  | *  |   |
|                                                       | 3 mm   | No Grid | 0.26            | 0.22 | 0.53 | 61 |   |    |    | 0.22 | 0.21                   | 0.48 | 68 |    |   |    | *  | 0.17 | 0.18                     | 0.38 | 73 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.26            | 0.20 | 0.47 | 61 |   |    |    | 0.23 | 0.19                   | 0.43 | 68 |    |   |    | *  | 0.18 | 0.16                     | 0.34 | 73 |    | * | *  | *  |   |
|                                                       | 4 mm   | No Grid | 0.26            | 0.23 | 0.53 | 60 |   |    |    | 0.23 | 0.21                   | 0.48 | 66 |    |   |    | *  | 0.19 | 0.18                     | 0.38 | 71 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.26            | 0.20 | 0.47 | 60 |   |    |    | 0.24 | 0.19                   | 0.43 | 66 |    |   |    | *  | 0.19 | 0.16                     | 0.34 | 71 |    | * | *  | *  |   |
| Edge                                                  | 2.5 mm | No Grid | 0.27            | 0.23 | 0.54 | 62 |   |    |    | 0.21 | 0.21                   | 0.49 | 70 |    |   |    | *  | 0.16 | 0.18                     | 0.39 | 73 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.27            | 0.20 | 0.48 | 62 |   |    |    | 0.22 | 0.19                   | 0.44 | 70 |    |   |    | *  | 0.17 | 0.16                     | 0.35 | 73 |    | * | *  | *  |   |
|                                                       | 3 mm   | No Grid | 0.26            | 0.22 | 0.53 | 61 |   |    |    | 0.22 | 0.21                   | 0.48 | 68 |    |   |    | *  | 0.17 | 0.18                     | 0.38 | 73 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.26            | 0.20 | 0.47 | 61 |   |    |    | 0.23 | 0.19                   | 0.43 | 68 |    |   |    | *  | 0.18 | 0.16                     | 0.34 | 73 |    | * | *  | *  |   |
|                                                       | 4 mm   | No Grid | 0.26            | 0.23 | 0.53 | 60 |   |    |    | 0.23 | 0.21                   | 0.48 | 66 |    |   |    | *  | 0.19 | 0.18                     | 0.38 | 71 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.26            | 0.20 | 0.47 | 60 |   |    |    | 0.24 | 0.19                   | 0.43 | 66 |    |   |    | *  | 0.19 | 0.16                     | 0.34 | 71 |    | * | *  | *  |   |
| Casement Window Performance                           |        |         |                 |      |      |    |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| Series 8600                                           | 2.5 mm | No Grid | 0.26            | 0.20 | 0.47 | 61 |   |    |    | 0.22 | 0.19                   | 0.43 | 65 |    |   |    | *  | 0.17 | 0.16                     | 0.34 | 72 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.26            | 0.18 | 0.43 | 61 |   |    |    | 0.22 | 0.17                   | 0.39 | 65 |    |   |    | *  | 0.18 | 0.14                     | 0.31 | 72 |    | * | *  | *  |   |
|                                                       | 3 mm   | No Grid | 0.26            | 0.20 | 0.47 | 60 |   |    |    | 0.22 | 0.19                   | 0.42 | 64 |    |   |    | *  | 0.18 | 0.16                     | 0.33 | 69 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.26            | 0.18 | 0.42 | 60 |   |    |    | 0.23 | 0.17                   | 0.39 | 64 |    |   |    | *  | 0.19 | 0.14                     | 0.30 | 69 |    | * | *  | *  |   |
| Edge                                                  | 2.5 mm | No Grid | 0.26            | 0.20 | 0.47 | 61 |   |    |    | 0.22 | 0.19                   | 0.43 | 65 |    |   |    | *  | 0.17 | 0.16                     | 0.34 | 72 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.26            | 0.18 | 0.43 | 61 |   |    |    | 0.22 | 0.17                   | 0.39 | 65 |    |   |    | *  | 0.18 | 0.14                     | 0.31 | 72 |    | * | *  | *  |   |
|                                                       | 3 mm   | No Grid | 0.26            | 0.20 | 0.47 | 60 |   |    |    | 0.22 | 0.19                   | 0.42 | 64 |    |   |    | *  | 0.18 | 0.16                     | 0.33 | 69 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.26            | 0.18 | 0.42 | 60 |   |    |    | 0.23 | 0.17                   | 0.39 | 64 |    |   |    | *  | 0.19 | 0.14                     | 0.30 | 69 |    | * | *  | *  |   |
| Awning Window Performance                             |        |         |                 |      |      |    |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| Series 8600                                           | 2.5 mm | No Grid | 0.26            | 0.20 | 0.47 | 57 |   |    |    | 0.22 | 0.19                   | 0.43 | 67 |    |   |    | *  | 0.17 | 0.16                     | 0.34 | 72 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.26            | 0.18 | 0.43 | 57 |   |    |    | 0.22 | 0.17                   | 0.39 | 67 |    |   |    | *  | 0.18 | 0.14                     | 0.31 | 72 |    | * | *  | *  |   |
|                                                       | 3 mm   | No Grid | 0.26            | 0.20 | 0.47 | 56 |   |    |    | 0.22 | 0.19                   | 0.42 | 65 |    |   |    | *  | 0.18 | 0.16                     | 0.33 | 70 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.26            | 0.18 | 0.42 | 56 |   |    |    | 0.23 | 0.17                   | 0.39 | 65 |    |   |    | *  | 0.19 | 0.14                     | 0.30 | 70 |    | * | *  | *  |   |
| Patio Door Performance                                |        |         |                 |      |      |    |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| ThermalWeld Select                                    | 3 mm   | No Grid | 0.29            | 0.22 | 0.52 | 59 |   |    |    | 0.27 | 0.21                   | 0.47 | 60 |    |   |    | *  | 0.22 | 0.17                     | 0.37 | 60 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.29            | 0.20 | 0.45 | 59 |   |    |    | 0.28 | 0.18                   | 0.41 | 60 |    |   |    | *  | 0.23 | 0.15                     | 0.33 | 60 |    | * | *  | *  |   |
| ThermalWeld Plus                                      | 3 mm   | No Grid | 0.30            | 0.22 | 0.52 | 59 |   |    |    | 0.27 | 0.21                   | 0.47 | 60 |    |   |    | *  | 0.22 | 0.17                     | 0.37 | 60 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.30            | 0.20 | 0.45 | 59 |   |    |    | 0.28 | 0.18                   | 0.41 | 60 |    |   |    | *  | 0.23 | 0.15                     | 0.33 | 60 |    | * | *  | *  |   |
| Edge                                                  | 3 mm   | No Grid | 0.30            | 0.22 | 0.52 | 59 |   |    |    | 0.27 | 0.21                   | 0.47 | 60 |    |   |    | *  | 0.22 | 0.17                     | 0.37 | 60 |    | * | *  | *  |   |
|                                                       |        | Grid    | 0.30            | 0.20 | 0.45 | 59 |   |    |    | 0.28 | 0.18                   | 0.41 | 60 |    |   |    | *  | 0.23 | 0.15                     | 0.33 | 60 |    | * | *  | *  |   |
| DynaWeld                                              | 3 mm   | No Grid | 0.30            | 0.22 | 0.52 | 59 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
|                                                       |        | Grid    | 0.30            | 0.20 | 0.45 | 59 |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |
| * Indicates ENERGY STAR® Most Efficient<br>Rev.2/2026 |        |         |                 |      |      |    |   |    |    |      |                        |      |    |    |   |    |    |      |                          |      |    |    |   |    |    |   |

\* Indicates ENERGY STAR® Most Efficient  
Rev.2/2026



| Double Pane     |      |    |    |   |    |    |   | Triple Pane            |      |    |    |   |    |    |   |                          |      |    |    |   |    |    |   |
|-----------------|------|----|----|---|----|----|---|------------------------|------|----|----|---|----|----|---|--------------------------|------|----|----|---|----|----|---|
| XL <sup>2</sup> |      |    |    |   |    |    |   | XL <sup>2</sup> Triple |      |    |    |   |    |    |   | XL Ultimate <sup>2</sup> |      |    |    |   |    |    |   |
| 366/C-AR        |      |    |    |   |    |    |   | 366/C/C-AR             |      |    |    |   |    |    |   | 366/366/C-AR             |      |    |    |   |    |    |   |
| 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 |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|--------------------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|---|------|------|------|----|--|---|---|---|
| ThermalWeld Select             | 2.5 mm | No Grid | 0.27 | 0.21 | 0.50 | 58 |  |  |  | 0.23 | 0.20 | 0.46 | 64 |  |  |  |   | 0.18 | 0.16 | 0.37 | 68 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.19 | 0.45 | 58 |  |  |  | 0.23 | 0.18 | 0.41 | 64 |  |  |  |   | 0.19 | 0.15 | 0.33 | 68 |  | * | * | * |
|                                | 3 mm   | No Grid | 0.27 | 0.21 | 0.50 | 57 |  |  |  | 0.24 | 0.20 | 0.46 | 63 |  |  |  |   | 0.19 | 0.16 | 0.36 | 66 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.19 | 0.44 | 57 |  |  |  | 0.24 | 0.18 | 0.41 | 63 |  |  |  |   | 0.20 | 0.15 | 0.32 | 66 |  | * | * | * |
| ThermalWeld Plus               | 2.5 mm | No Grid | 0.27 | 0.21 | 0.50 | 58 |  |  |  | 0.23 | 0.20 | 0.46 | 64 |  |  |  |   | 0.18 | 0.16 | 0.37 | 68 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.19 | 0.45 | 58 |  |  |  | 0.23 | 0.18 | 0.41 | 64 |  |  |  |   | 0.19 | 0.15 | 0.33 | 68 |  | * | * | * |
|                                | 3 mm   | No Grid | 0.27 | 0.21 | 0.50 | 57 |  |  |  | 0.24 | 0.20 | 0.46 | 63 |  |  |  |   | 0.19 | 0.16 | 0.36 | 66 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.19 | 0.44 | 57 |  |  |  | 0.24 | 0.18 | 0.41 | 63 |  |  |  |   | 0.20 | 0.15 | 0.32 | 66 |  | * | * | * |
| Edge                           | 2.5 mm | No Grid | 0.27 | 0.21 | 0.50 | 58 |  |  |  | 0.23 | 0.20 | 0.46 | 64 |  |  |  |   | 0.18 | 0.16 | 0.37 | 68 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.19 | 0.45 | 58 |  |  |  | 0.23 | 0.18 | 0.41 | 64 |  |  |  |   | 0.19 | 0.15 | 0.33 | 68 |  | * | * | * |
|                                | 3 mm   | No Grid | 0.27 | 0.21 | 0.50 | 57 |  |  |  | 0.24 | 0.20 | 0.46 | 63 |  |  |  |   | 0.19 | 0.16 | 0.36 | 66 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.19 | 0.44 | 57 |  |  |  | 0.24 | 0.18 | 0.41 | 63 |  |  |  |   | 0.20 | 0.15 | 0.32 | 66 |  | * | * | * |
| DynaWeld                       | 2.5 mm | No Grid | 0.28 | 0.21 | 0.51 | 56 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.28 | 0.19 | 0.45 | 56 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                | 3 mm   | No Grid | 0.28 | 0.21 | 0.50 | 55 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.28 | 0.19 | 0.45 | 55 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
| MasterWeld                     | 2.5 mm | No Grid | 0.28 | 0.21 | 0.51 | 56 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.28 | 0.19 | 0.45 | 56 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                | 3 mm   | No Grid | 0.28 | 0.21 | 0.50 | 55 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.28 | 0.19 | 0.45 | 55 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
| Slider Window Performance      |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
| Series 7400                    | 2.5 mm | No Grid | 0.27 | 0.21 | 0.49 | 58 |  |  |  | 0.23 | 0.19 | 0.45 | 63 |  |  |  |   | 0.19 | 0.16 | 0.36 | 67 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.19 | 0.44 | 58 |  |  |  | 0.23 | 0.17 | 0.40 | 63 |  |  |  |   | 0.19 | 0.15 | 0.32 | 67 |  | * | * | * |
|                                | 3 mm   | No Grid | 0.27 | 0.21 | 0.49 | 57 |  |  |  | 0.24 | 0.19 | 0.45 | 61 |  |  |  |   | 0.20 | 0.16 | 0.35 | 65 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.19 | 0.43 | 57 |  |  |  | 0.24 | 0.17 | 0.40 | 61 |  |  |  |   | 0.20 | 0.15 | 0.31 | 65 |  | * | * | * |
| Edge                           | 2.5 mm | No Grid | 0.27 | 0.21 | 0.49 | 58 |  |  |  | 0.23 | 0.19 | 0.45 | 63 |  |  |  |   | 0.19 | 0.16 | 0.36 | 67 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.19 | 0.44 | 58 |  |  |  | 0.23 | 0.17 | 0.40 | 63 |  |  |  |   | 0.19 | 0.15 | 0.32 | 67 |  | * | * | * |
|                                | 3 mm   | No Grid | 0.27 | 0.21 | 0.49 | 57 |  |  |  | 0.24 | 0.19 | 0.45 | 61 |  |  |  |   | 0.20 | 0.16 | 0.35 | 65 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.19 | 0.43 | 57 |  |  |  | 0.24 | 0.17 | 0.40 | 61 |  |  |  |   | 0.20 | 0.15 | 0.31 | 65 |  | * | * | * |
| DynaWeld                       | 2.5 mm | No Grid | 0.28 | 0.21 | 0.50 | 56 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.28 | 0.19 | 0.45 | 56 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                | 3 mm   | No Grid | 0.28 | 0.21 | 0.50 | 56 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.28 | 0.19 | 0.44 | 56 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
| Picture Window Performance     |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
| Series 7400                    | 2.5 mm | No Grid | 0.27 | 0.22 | 0.53 | 60 |  |  |  | 0.21 | 0.21 | 0.49 | 67 |  |  |  | * | 0.17 | 0.17 | 0.39 | 72 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.20 | 0.48 | 60 |  |  |  | 0.22 | 0.19 | 0.44 | 67 |  |  |  | * | 0.17 | 0.16 | 0.35 | 72 |  | * | * | * |
|                                | 3 mm   | No Grid | 0.26 | 0.22 | 0.53 | 59 |  |  |  | 0.22 | 0.21 | 0.48 | 65 |  |  |  | * | 0.18 | 0.17 | 0.38 | 70 |  | * | * | * |
|                                |        | Grid    | 0.26 | 0.20 | 0.47 | 59 |  |  |  | 0.23 | 0.19 | 0.43 | 65 |  |  |  | * | 0.18 | 0.16 | 0.34 | 70 |  | * | * | * |
|                                | 4 mm   | No Grid | 0.26 | 0.22 | 0.52 | 58 |  |  |  | 0.23 | 0.21 | 0.48 | 64 |  |  |  | * | 0.19 | 0.17 | 0.38 | 68 |  | * | * | * |
|                                |        | Grid    | 0.26 | 0.20 | 0.47 | 58 |  |  |  | 0.24 | 0.19 | 0.43 | 64 |  |  |  | * | 0.19 | 0.16 | 0.34 | 68 |  | * | * | * |
| Edge                           | 2.5 mm | No Grid | 0.27 | 0.22 | 0.53 | 60 |  |  |  | 0.21 | 0.21 | 0.49 | 67 |  |  |  | * | 0.17 | 0.17 | 0.39 | 72 |  | * | * | * |
|                                |        | Grid    | 0.27 | 0.20 | 0.48 | 60 |  |  |  | 0.22 | 0.19 | 0.44 | 67 |  |  |  | * | 0.17 | 0.16 | 0.35 | 72 |  | * | * | * |
|                                | 3 mm   | No Grid | 0.26 | 0.22 | 0.53 | 59 |  |  |  | 0.22 | 0.21 | 0.48 | 65 |  |  |  | * | 0.18 | 0.17 | 0.38 | 70 |  | * | * | * |
|                                |        | Grid    | 0.26 | 0.20 | 0.47 | 59 |  |  |  | 0.23 | 0.19 | 0.43 | 65 |  |  |  | * | 0.18 | 0.16 | 0.34 | 70 |  | * | * | * |
|                                | 4 mm   | No Grid | 0.26 | 0.22 | 0.52 | 58 |  |  |  | 0.23 | 0.21 | 0.48 | 64 |  |  |  | * | 0.19 | 0.17 | 0.38 | 68 |  | * | * | * |
|                                |        | Grid    | 0.26 | 0.20 | 0.47 | 58 |  |  |  | 0.24 | 0.19 | 0.43 | 64 |  |  |  | * | 0.19 | 0.16 | 0.34 | 68 |  | * | * | * |
| DynaWeld                       | 2.5 mm | No Grid | 0.27 | 0.23 | 0.55 | 59 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.27 | 0.21 | 0.49 | 59 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                | 3 mm   | No Grid | 0.27 | 0.23 | 0.54 | 58 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.27 | 0.21 | 0.48 | 58 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                | 4 mm   | No Grid | 0.27 | 0.23 | 0.54 | 57 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.27 | 0.21 | 0.48 | 57 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
| MasterWeld                     | 2.5 mm | No Grid | 0.27 | 0.23 | 0.55 | 59 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.27 | 0.21 | 0.49 | 59 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                | 3 mm   | No Grid | 0.27 | 0.23 | 0.54 | 58 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.27 | 0.21 | 0.48 | 58 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                | 4 mm   | No Grid | 0.27 | 0.23 | 0.54 | 57 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |
|                                |        | Grid    | 0.27 | 0.21 | 0.48 | 57 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |   |   |   |



**Intercept Spacer**  
**Foam Filled**

## Energy Star V7/Energy Star Most Efficient Qualification Chart

| Intercept Spacer<br>Foam Filled     |        | Double Pane                                           |      |      |      |    |    |    |   |         |      | Triple Pane            |      |    |    |    |   |         |      |      |      |                          |    |    |   |   |  |  |  |
|-------------------------------------|--------|-------------------------------------------------------|------|------|------|----|----|----|---|---------|------|------------------------|------|----|----|----|---|---------|------|------|------|--------------------------|----|----|---|---|--|--|--|
|                                     |        | XL <sup>2</sup>                                       |      |      |      |    |    |    |   |         |      | XL <sup>2</sup> Triple |      |    |    |    |   |         |      |      |      | XL Ultimate <sup>2</sup> |    |    |   |   |  |  |  |
|                                     |        | 366/C-AR                                              |      |      |      |    |    |    |   |         |      | 366/C/C-AR             |      |    |    |    |   |         |      |      |      | 366/366/C-AR             |    |    |   |   |  |  |  |
|                                     |        | 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 Picture Window Performance |        |                                                       |      |      |      |    |    |    |   |         |      |                        |      |    |    |    |   |         |      |      |      |                          |    |    |   |   |  |  |  |
| Series 8600                         | 2.5 mm | No Grid                                               | 0.27 | 0.23 | 0.54 | 60 |    |    |   |         | 0.21 | 0.21                   | 0.49 | 67 |    |    |   | *       | 0.17 | 0.18 | 0.39 | 72                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.27 | 0.20 | 0.48 | 60 |    |    |   |         | 0.22 | 0.19                   | 0.44 | 67 |    |    |   | *       | 0.17 | 0.16 | 0.35 | 72                       |    | *  | * | * |  |  |  |
|                                     | 3 mm   | No Grid                                               | 0.26 | 0.22 | 0.53 | 59 |    |    |   |         | 0.22 | 0.21                   | 0.48 | 65 |    |    |   | *       | 0.18 | 0.18 | 0.38 | 70                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.26 | 0.20 | 0.47 | 59 |    |    |   |         | 0.23 | 0.19                   | 0.43 | 65 |    |    |   | *       | 0.18 | 0.16 | 0.34 | 70                       |    | *  | * | * |  |  |  |
|                                     | 4 mm   | No Grid                                               | 0.26 | 0.23 | 0.53 | 58 |    |    |   |         | 0.24 | 0.21                   | 0.48 | 64 |    |    |   | *       | 0.19 | 0.18 | 0.38 | 68                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.26 | 0.20 | 0.47 | 58 |    |    |   |         | 0.24 | 0.19                   | 0.43 | 64 |    |    |   | *       | 0.19 | 0.16 | 0.34 | 68                       |    | *  | * | * |  |  |  |
| Edge                                | 2.5 mm | No Grid                                               | 0.27 | 0.23 | 0.54 | 60 |    |    |   |         | 0.21 | 0.21                   | 0.49 | 67 |    |    |   | *       | 0.17 | 0.18 | 0.39 | 72                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.27 | 0.20 | 0.48 | 60 |    |    |   |         | 0.22 | 0.19                   | 0.44 | 67 |    |    |   | *       | 0.17 | 0.16 | 0.35 | 72                       |    | *  | * | * |  |  |  |
|                                     | 3 mm   | No Grid                                               | 0.26 | 0.22 | 0.53 | 59 |    |    |   |         | 0.22 | 0.21                   | 0.48 | 65 |    |    |   | *       | 0.18 | 0.18 | 0.38 | 70                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.26 | 0.20 | 0.47 | 59 |    |    |   |         | 0.23 | 0.19                   | 0.43 | 65 |    |    |   | *       | 0.18 | 0.16 | 0.34 | 70                       |    | *  | * | * |  |  |  |
|                                     | 4 mm   | No Grid                                               | 0.26 | 0.23 | 0.53 | 58 |    |    |   |         | 0.24 | 0.21                   | 0.48 | 64 |    |    |   | *       | 0.19 | 0.18 | 0.38 | 68                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.26 | 0.20 | 0.47 | 58 |    |    |   |         | 0.24 | 0.19                   | 0.43 | 64 |    |    |   | *       | 0.19 | 0.16 | 0.34 | 68                       |    | *  | * | * |  |  |  |
| Casement Window Performance         |        |                                                       |      |      |      |    |    |    |   |         |      |                        |      |    |    |    |   |         |      |      |      |                          |    |    |   |   |  |  |  |
| Series 8600                         | 2.5 mm | No Grid                                               | 0.27 | 0.20 | 0.47 | 58 |    |    |   |         | 0.22 | 0.19                   | 0.43 | 63 |    |    |   | *       | 0.18 | 0.16 | 0.34 | 68                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.27 | 0.18 | 0.43 | 58 |    |    |   |         | 0.23 | 0.17                   | 0.39 | 63 |    |    |   | *       | 0.18 | 0.14 | 0.31 | 68                       |    | *  | * | * |  |  |  |
|                                     | 3 mm   | No Grid                                               | 0.26 | 0.20 | 0.47 | 58 |    |    |   |         | 0.23 | 0.19                   | 0.42 | 61 |    |    |   | *       | 0.19 | 0.16 | 0.33 | 66                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.26 | 0.18 | 0.42 | 58 |    |    |   |         | 0.23 | 0.17                   | 0.39 | 61 |    |    |   | *       | 0.19 | 0.14 | 0.30 | 66                       |    | *  | * | * |  |  |  |
| Edge                                | 2.5 mm | No Grid                                               | 0.27 | 0.20 | 0.47 | 58 |    |    |   |         | 0.22 | 0.19                   | 0.43 | 63 |    |    |   | *       | 0.18 | 0.16 | 0.34 | 68                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.27 | 0.18 | 0.43 | 58 |    |    |   |         | 0.23 | 0.17                   | 0.39 | 63 |    |    |   | *       | 0.18 | 0.14 | 0.31 | 68                       |    | *  | * | * |  |  |  |
|                                     | 3 mm   | No Grid                                               | 0.26 | 0.20 | 0.47 | 58 |    |    |   |         | 0.23 | 0.19                   | 0.42 | 61 |    |    |   | *       | 0.19 | 0.16 | 0.33 | 66                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.26 | 0.18 | 0.42 | 58 |    |    |   |         | 0.23 | 0.17                   | 0.39 | 61 |    |    |   | *       | 0.19 | 0.14 | 0.30 | 66                       |    | *  | * | * |  |  |  |
| Awning Window Performance           |        |                                                       |      |      |      |    |    |    |   |         |      |                        |      |    |    |    |   |         |      |      |      |                          |    |    |   |   |  |  |  |
| Series 8600                         | 2.5 mm | No Grid                                               | 0.27 | 0.20 | 0.47 | 55 |    |    |   |         | 0.22 | 0.19                   | 0.43 | 64 |    |    |   | *       | 0.18 | 0.16 | 0.34 | 68                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.27 | 0.18 | 0.43 | 55 |    |    |   |         | 0.22 | 0.17                   | 0.39 | 64 |    |    |   | *       | 0.18 | 0.14 | 0.31 | 68                       |    | *  | * | * |  |  |  |
|                                     | 3 mm   | No Grid                                               | 0.27 | 0.20 | 0.47 | 54 |    |    |   |         | 0.23 | 0.19                   | 0.42 | 63 |    |    |   | *       | 0.19 | 0.16 | 0.33 | 67                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.27 | 0.18 | 0.42 | 54 |    |    |   |         | 0.23 | 0.17                   | 0.39 | 63 |    |    |   | *       | 0.19 | 0.14 | 0.30 | 67                       |    | *  | * | * |  |  |  |
| Patio Door Performance              |        |                                                       |      |      |      |    |    |    |   |         |      |                        |      |    |    |    |   |         |      |      |      |                          |    |    |   |   |  |  |  |
| ThermalWeld Select                  | 3 mm   | No Grid                                               | 0.29 | 0.22 | 0.52 | 56 |    |    |   |         | 0.25 | 0.21                   | 0.47 | 59 |    |    |   | *       | 0.21 | 0.17 | 0.37 | 62                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.29 | 0.20 | 0.45 | 56 |    |    |   |         | 0.27 | 0.18                   | 0.41 | 59 |    |    |   | *       | 0.22 | 0.15 | 0.33 | 62                       |    | *  | * | * |  |  |  |
| ThermalWeld Plus                    | 3 mm   | No Grid                                               | 0.29 | 0.22 | 0.52 | 56 |    |    |   |         | 0.26 | 0.21                   | 0.47 | 59 |    |    |   | *       | 0.21 | 0.17 | 0.37 | 62                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.29 | 0.20 | 0.45 | 56 |    |    |   |         | 0.27 | 0.18                   | 0.41 | 59 |    |    |   | *       | 0.22 | 0.15 | 0.33 | 62                       |    | *  | * | * |  |  |  |
| Edge                                | 3 mm   | No Grid                                               | 0.29 | 0.22 | 0.52 | 56 |    |    |   |         | 0.26 | 0.21                   | 0.47 | 59 |    |    |   | *       | 0.21 | 0.17 | 0.37 | 62                       |    | *  | * | * |  |  |  |
|                                     |        | Grid                                                  | 0.29 | 0.20 | 0.45 | 56 |    |    |   |         | 0.27 | 0.18                   | 0.41 | 59 |    |    |   | *       | 0.22 | 0.15 | 0.33 | 62                       |    | *  | * | * |  |  |  |
| DynaWeld                            | 3 mm   | No Grid                                               | 0.30 | 0.22 | 0.52 | 55 |    |    |   |         |      |                        |      |    |    |    |   |         |      |      |      |                          |    |    |   |   |  |  |  |
|                                     |        | Grid                                                  | 0.30 | 0.20 | 0.45 | 55 |    |    |   |         |      |                        |      |    |    |    |   |         |      |      |      |                          |    |    |   |   |  |  |  |
|                                     |        | * Indicates ENERGY STAR® Most Efficient<br>Rev.2/2026 |      |      |      |    |    |    |   |         |      |                        |      |    |    |    |   |         |      |      |      |                          |    |    |   |   |  |  |  |

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### Stainless Foam Filled

| Double Pane     |      |    |    |   |    |    |   | Triple Pane            |      |    |    |   |    |    |   |                          |      |    |    |   |    |    |   |
|-----------------|------|----|----|---|----|----|---|------------------------|------|----|----|---|----|----|---|--------------------------|------|----|----|---|----|----|---|
| XL <sup>2</sup> |      |    |    |   |    |    |   | XL <sup>2</sup> Triple |      |    |    |   |    |    |   | XL Ultimate <sup>2</sup> |      |    |    |   |    |    |   |
| 366/C-AR        |      |    |    |   |    |    |   | 366/C/C-AR             |      |    |    |   |    |    |   | 366/366/C-AR             |      |    |    |   |    |    |   |
| 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

[illegible]

### Slider Window Performance

[illegible]

### Picture Window Performance

[illegible]



# Energy Star V7/Energy Star Most Efficient Qualification Chart

Stainless  
Foam Filled

| Double Pane     |      |    |    |   |    |    |   | Triple Pane            |      |    |    |   |    |    |   |                          |      |    |    |   |    |    |   |
|-----------------|------|----|----|---|----|----|---|------------------------|------|----|----|---|----|----|---|--------------------------|------|----|----|---|----|----|---|
| XL <sup>2</sup> |      |    |    |   |    |    |   | XL <sup>2</sup> Triple |      |    |    |   |    |    |   | XL Ultimate <sup>2</sup> |      |    |    |   |    |    |   |
| 366/C-AR        |      |    |    |   |    |    |   | 366/C/C-AR             |      |    |    |   |    |    |   | 366/366/C-AR             |      |    |    |   |    |    |   |
| 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 Picture Window Performance                 |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
|-----------------------------------------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|---|------|------|------|----|--|--|---|---|---|---|--|--|--|--|--|--|--|
| Series 8600                                         | 2.5 mm | No Grid | 0.26 | 0.23 | 0.54 | 62 |  |  |  | 0.21 | 0.21 | 0.49 | 70 |  |  |  | * | 0.16 | 0.18 | 0.39 | 76 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.20 | 0.48 | 62 |  |  |  | 0.21 | 0.19 | 0.44 | 70 |  |  |  | * | 0.16 | 0.16 | 0.35 | 76 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 3 mm   | No Grid | 0.26 | 0.22 | 0.53 | 61 |  |  |  | 0.21 | 0.21 | 0.48 | 68 |  |  |  | * | 0.17 | 0.18 | 0.38 | 74 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.20 | 0.47 | 61 |  |  |  | 0.22 | 0.19 | 0.43 | 68 |  |  |  | * | 0.17 | 0.16 | 0.34 | 74 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 4 mm   | No Grid | 0.25 | 0.23 | 0.53 | 61 |  |  |  | 0.23 | 0.21 | 0.48 | 67 |  |  |  | * | 0.18 | 0.18 | 0.38 | 72 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.25 | 0.20 | 0.47 | 61 |  |  |  | 0.24 | 0.19 | 0.43 | 67 |  |  |  | * | 0.19 | 0.16 | 0.34 | 72 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Edge                                                | 2.5 mm | No Grid | 0.26 | 0.23 | 0.54 | 62 |  |  |  | 0.21 | 0.21 | 0.49 | 70 |  |  |  | * | 0.16 | 0.18 | 0.39 | 76 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.20 | 0.48 | 62 |  |  |  | 0.21 | 0.19 | 0.44 | 70 |  |  |  | * | 0.16 | 0.16 | 0.35 | 76 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 3 mm   | No Grid | 0.26 | 0.22 | 0.53 | 61 |  |  |  | 0.21 | 0.21 | 0.48 | 68 |  |  |  | * | 0.17 | 0.18 | 0.38 | 74 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.20 | 0.47 | 61 |  |  |  | 0.22 | 0.19 | 0.43 | 68 |  |  |  | * | 0.17 | 0.16 | 0.34 | 74 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 4 mm   | No Grid | 0.25 | 0.23 | 0.53 | 61 |  |  |  | 0.23 | 0.21 | 0.48 | 67 |  |  |  | * | 0.18 | 0.18 | 0.38 | 72 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.25 | 0.20 | 0.47 | 61 |  |  |  | 0.24 | 0.19 | 0.43 | 67 |  |  |  | * | 0.19 | 0.16 | 0.34 | 72 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Casement Window Performance                         |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
| Series 8600                                         | 2.5 mm | No Grid | 0.26 | 0.20 | 0.47 | 61 |  |  |  | 0.21 | 0.19 | 0.43 | 65 |  |  |  | * | 0.17 | 0.16 | 0.34 | 72 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.43 | 61 |  |  |  | 0.22 | 0.17 | 0.39 | 65 |  |  |  | * | 0.17 | 0.14 | 0.31 | 72 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 3 mm   | No Grid | 0.26 | 0.20 | 0.47 | 60 |  |  |  | 0.22 | 0.19 | 0.42 | 64 |  |  |  | * | 0.18 | 0.16 | 0.33 | 70 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.42 | 60 |  |  |  | 0.23 | 0.17 | 0.39 | 64 |  |  |  | * | 0.18 | 0.14 | 0.30 | 70 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Edge                                                | 2.5 mm | No Grid | 0.26 | 0.20 | 0.47 | 61 |  |  |  | 0.21 | 0.19 | 0.43 | 65 |  |  |  | * | 0.17 | 0.16 | 0.34 | 72 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.43 | 61 |  |  |  | 0.22 | 0.17 | 0.39 | 65 |  |  |  | * | 0.17 | 0.14 | 0.31 | 72 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 3 mm   | No Grid | 0.26 | 0.20 | 0.47 | 60 |  |  |  | 0.22 | 0.19 | 0.42 | 64 |  |  |  | * | 0.18 | 0.16 | 0.33 | 70 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.42 | 60 |  |  |  | 0.23 | 0.17 | 0.39 | 64 |  |  |  | * | 0.18 | 0.14 | 0.30 | 70 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Awning Window Performance                           |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
| Series 8600                                         | 2.5 mm | No Grid | 0.26 | 0.20 | 0.47 | 57 |  |  |  | 0.21 | 0.19 | 0.43 | 67 |  |  |  | * | 0.17 | 0.16 | 0.34 | 72 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.43 | 57 |  |  |  | 0.22 | 0.17 | 0.39 | 67 |  |  |  | * | 0.17 | 0.14 | 0.31 | 72 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 3 mm   | No Grid | 0.26 | 0.20 | 0.47 | 56 |  |  |  | 0.22 | 0.19 | 0.42 | 65 |  |  |  | * | 0.18 | 0.16 | 0.33 | 70 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.42 | 56 |  |  |  | 0.22 | 0.17 | 0.39 | 65 |  |  |  | * | 0.18 | 0.14 | 0.30 | 70 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Patio Door Performance                              |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
| ThermalWeld Select                                  | 3 mm   | No Grid | 0.28 | 0.22 | 0.52 | 59 |  |  |  | 0.25 | 0.21 | 0.47 | 62 |  |  |  | * | 0.21 | 0.17 | 0.37 | 64 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.28 | 0.20 | 0.45 | 59 |  |  |  | 0.26 | 0.18 | 0.41 | 62 |  |  |  | * | 0.21 | 0.15 | 0.33 | 64 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| ThermalWeld Plus                                    | 3 mm   | No Grid | 0.28 | 0.22 | 0.52 | 59 |  |  |  | 0.25 | 0.21 | 0.47 | 62 |  |  |  | * | 0.21 | 0.17 | 0.37 | 64 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.28 | 0.20 | 0.45 | 59 |  |  |  | 0.26 | 0.18 | 0.41 | 62 |  |  |  | * | 0.21 | 0.15 | 0.33 | 64 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Edge                                                | 3 mm   | No Grid | 0.28 | 0.22 | 0.52 | 59 |  |  |  | 0.25 | 0.21 | 0.47 | 62 |  |  |  | * | 0.21 | 0.17 | 0.37 | 64 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.28 | 0.20 | 0.45 | 59 |  |  |  | 0.26 | 0.18 | 0.41 | 62 |  |  |  | * | 0.21 | 0.15 | 0.33 | 64 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| DynaWeld                                            | 3 mm   | No Grid | 0.29 | 0.22 | 0.52 | 59 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.29 | 0.20 | 0.45 | 59 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
| * Indicates ENERGY STAR® Most Efficient<br>Rev 2/20 |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |

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|                            |        | Double Hung Window Performance |      |      |      |    |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|----------------------------|--------|--------------------------------|------|------|------|----|--|--|--|------|------|------|----|--|--|---|------|------|------|----|--|---|---|---|
| ThermalWeld Select         | 2.5 mm | No Grid                        | 0.27 | 0.21 | 0.50 | 60 |  |  |  | 0.22 | 0.20 | 0.46 | 67 |  |  | * | 0.17 | 0.16 | 0.37 | 71 |  | * | * | * |
|                            |        | Grid                           | 0.27 | 0.19 | 0.45 | 60 |  |  |  | 0.22 | 0.18 | 0.41 | 67 |  |  | * | 0.18 | 0.15 | 0.33 | 71 |  | * | * | * |
|                            | 3 mm   | No Grid                        | 0.26 | 0.21 | 0.50 | 59 |  |  |  | 0.23 | 0.20 | 0.46 | 66 |  |  |   | 0.18 | 0.16 | 0.36 | 70 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.19 | 0.44 | 59 |  |  |  | 0.23 | 0.18 | 0.41 | 66 |  |  |   | 0.19 | 0.15 | 0.32 | 70 |  | * | * | * |
| ThermalWeld Plus           | 2.5 mm | No Grid                        | 0.27 | 0.21 | 0.50 | 60 |  |  |  | 0.22 | 0.20 | 0.46 | 67 |  |  | * | 0.17 | 0.16 | 0.37 | 71 |  | * | * | * |
|                            |        | Grid                           | 0.27 | 0.19 | 0.45 | 60 |  |  |  | 0.22 | 0.18 | 0.41 | 67 |  |  | * | 0.18 | 0.15 | 0.33 | 71 |  | * | * | * |
|                            | 3 mm   | No Grid                        | 0.26 | 0.21 | 0.50 | 59 |  |  |  | 0.23 | 0.20 | 0.46 | 66 |  |  |   | 0.18 | 0.16 | 0.36 | 70 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.19 | 0.44 | 59 |  |  |  | 0.23 | 0.18 | 0.41 | 66 |  |  |   | 0.19 | 0.15 | 0.32 | 70 |  | * | * | * |
| Edge                       | 2.5 mm | No Grid                        | 0.27 | 0.21 | 0.50 | 60 |  |  |  | 0.22 | 0.20 | 0.46 | 67 |  |  | * | 0.17 | 0.16 | 0.37 | 71 |  | * | * | * |
|                            |        | Grid                           | 0.27 | 0.19 | 0.45 | 60 |  |  |  | 0.22 | 0.18 | 0.41 | 67 |  |  | * | 0.18 | 0.15 | 0.33 | 71 |  | * | * | * |
|                            | 3 mm   | No Grid                        | 0.26 | 0.21 | 0.50 | 59 |  |  |  | 0.23 | 0.20 | 0.46 | 66 |  |  |   | 0.18 | 0.16 | 0.36 | 70 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.19 | 0.44 | 59 |  |  |  | 0.23 | 0.18 | 0.41 | 66 |  |  |   | 0.19 | 0.15 | 0.32 | 70 |  | * | * | * |
| DynaWeld                   | 2.5 mm | No Grid                        | 0.27 | 0.21 | 0.51 | 59 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.27 | 0.19 | 0.45 | 59 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            | 3 mm   | No Grid                        | 0.27 | 0.21 | 0.50 | 58 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.27 | 0.19 | 0.45 | 58 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
| MasterWeld                 | 2.5 mm | No Grid                        | 0.27 | 0.21 | 0.51 | 59 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.27 | 0.19 | 0.45 | 59 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            | 3 mm   | No Grid                        | 0.27 | 0.21 | 0.50 | 58 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.27 | 0.19 | 0.45 | 58 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
| Slider Window Performance  |        |                                |      |      |      |    |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
| Series 7400                | 2.5 mm | No Grid                        | 0.27 | 0.21 | 0.49 | 60 |  |  |  | 0.22 | 0.19 | 0.45 | 66 |  |  | * | 0.18 | 0.16 | 0.36 | 70 |  | * | * | * |
|                            |        | Grid                           | 0.27 | 0.19 | 0.44 | 60 |  |  |  | 0.23 | 0.17 | 0.40 | 66 |  |  |   | 0.18 | 0.15 | 0.32 | 70 |  | * | * | * |
|                            | 3 mm   | No Grid                        | 0.26 | 0.21 | 0.49 | 59 |  |  |  | 0.23 | 0.19 | 0.45 | 64 |  |  |   | 0.19 | 0.16 | 0.35 | 69 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.19 | 0.43 | 59 |  |  |  | 0.23 | 0.17 | 0.40 | 64 |  |  |   | 0.19 | 0.15 | 0.31 | 69 |  | * | * | * |
| Edge                       | 2.5 mm | No Grid                        | 0.27 | 0.21 | 0.49 | 60 |  |  |  | 0.22 | 0.19 | 0.45 | 66 |  |  | * | 0.18 | 0.16 | 0.36 | 70 |  | * | * | * |
|                            |        | Grid                           | 0.27 | 0.19 | 0.44 | 60 |  |  |  | 0.23 | 0.17 | 0.40 | 66 |  |  |   | 0.18 | 0.15 | 0.32 | 70 |  | * | * | * |
|                            | 3 mm   | No Grid                        | 0.26 | 0.21 | 0.49 | 59 |  |  |  | 0.23 | 0.19 | 0.45 | 64 |  |  |   | 0.19 | 0.16 | 0.35 | 69 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.19 | 0.43 | 59 |  |  |  | 0.23 | 0.17 | 0.40 | 64 |  |  |   | 0.19 | 0.15 | 0.31 | 69 |  | * | * | * |
| DynaWeld                   | 2.5 mm | No Grid                        | 0.27 | 0.21 | 0.50 | 59 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.27 | 0.19 | 0.45 | 59 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            | 3 mm   | No Grid                        | 0.27 | 0.21 | 0.50 | 58 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.27 | 0.19 | 0.44 | 58 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
| Picture Window Performance |        |                                |      |      |      |    |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
| Series 7400                | 2.5 mm | No Grid                        | 0.26 | 0.22 | 0.53 | 62 |  |  |  | 0.21 | 0.21 | 0.49 | 69 |  |  | * | 0.16 | 0.17 | 0.39 | 75 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.20 | 0.48 | 62 |  |  |  | 0.21 | 0.19 | 0.44 | 69 |  |  | * | 0.16 | 0.16 | 0.35 | 75 |  | * | * | * |
|                            | 3 mm   | No Grid                        | 0.26 | 0.22 | 0.53 | 61 |  |  |  | 0.22 | 0.21 | 0.48 | 68 |  |  | * | 0.17 | 0.17 | 0.38 | 73 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.20 | 0.47 | 61 |  |  |  | 0.22 | 0.19 | 0.43 | 68 |  |  | * | 0.17 | 0.16 | 0.34 | 73 |  | * | * | * |
|                            | 4 mm   | No Grid                        | 0.26 | 0.22 | 0.52 | 60 |  |  |  | 0.23 | 0.21 | 0.48 | 66 |  |  |   | 0.18 | 0.17 | 0.38 | 71 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.20 | 0.47 | 60 |  |  |  | 0.24 | 0.19 | 0.43 | 66 |  |  |   | 0.19 | 0.16 | 0.34 | 71 |  | * | * | * |
| Edge                       | 2.5 mm | No Grid                        | 0.26 | 0.22 | 0.53 | 62 |  |  |  | 0.21 | 0.21 | 0.49 | 69 |  |  | * | 0.16 | 0.17 | 0.39 | 75 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.20 | 0.48 | 62 |  |  |  | 0.21 | 0.19 | 0.44 | 69 |  |  | * | 0.16 | 0.16 | 0.35 | 75 |  | * | * | * |
|                            | 3 mm   | No Grid                        | 0.26 | 0.22 | 0.53 | 61 |  |  |  | 0.22 | 0.21 | 0.48 | 68 |  |  | * | 0.17 | 0.17 | 0.38 | 73 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.20 | 0.47 | 61 |  |  |  | 0.22 | 0.19 | 0.43 | 68 |  |  | * | 0.17 | 0.16 | 0.34 | 73 |  | * | * | * |
|                            | 4 mm   | No Grid                        | 0.26 | 0.22 | 0.52 | 60 |  |  |  | 0.23 | 0.21 | 0.48 | 66 |  |  |   | 0.18 | 0.17 | 0.38 | 71 |  | * | * | * |
|                            |        | Grid                           | 0.26 | 0.20 | 0.47 | 60 |  |  |  | 0.24 | 0.19 | 0.43 | 66 |  |  |   | 0.19 | 0.16 | 0.34 | 71 |  | * | * | * |
| DynaWeld                   | 2.5 mm | No Grid                        | 0.26 | 0.23 | 0.55 | 61 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.26 | 0.21 | 0.49 | 61 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            | 3 mm   | No Grid                        | 0.26 | 0.23 | 0.54 | 60 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.26 | 0.21 | 0.48 | 60 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            | 4 mm   | No Grid                        | 0.26 | 0.23 | 0.54 | 59 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.26 | 0.21 | 0.48 | 59 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
| MasterWeld                 | 2.5 mm | No Grid                        | 0.26 | 0.23 | 0.55 | 61 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.26 | 0.21 | 0.49 | 61 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            | 3 mm   | No Grid                        | 0.26 | 0.23 | 0.54 | 60 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.26 | 0.21 | 0.48 | 60 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            | 4 mm   | No Grid                        | 0.26 | 0.23 | 0.54 | 59 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |
|                            |        | Grid                           | 0.26 | 0.21 | 0.48 | 59 |  |  |  |      |      |      |    |  |  |   |      |      |      |    |  |   |   |   |



# Energy Star V7/Energy Star Most Efficient Qualification Chart

Endur  
Foam Filled

| Double Pane     |      |    |    |   |    |    |   | Triple Pane            |      |    |    |   |    |    |   |                          |      |    |    |   |    |    |   |         |      |    |    |   |    |    |   |
|-----------------|------|----|----|---|----|----|---|------------------------|------|----|----|---|----|----|---|--------------------------|------|----|----|---|----|----|---|---------|------|----|----|---|----|----|---|
| XL <sup>2</sup> |      |    |    |   |    |    |   | XL <sup>2</sup> Triple |      |    |    |   |    |    |   | XL Ultimate <sup>2</sup> |      |    |    |   |    |    |   |         |      |    |    |   |    |    |   |
| 366/C-AR        |      |    |    |   |    |    |   | 366/C/C-AR             |      |    |    |   |    |    |   | 366/366/C-AR             |      |    |    |   |    |    |   |         |      |    |    |   |    |    |   |
| 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 Picture Window Performance                 |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
|-----------------------------------------------------|--------|---------|------|------|------|----|--|--|--|------|------|------|----|--|--|--|---|------|------|------|----|--|--|---|---|---|---|--|--|--|--|--|--|--|
| Series 8600                                         | 2.5 mm | No Grid | 0.26 | 0.23 | 0.54 | 62 |  |  |  | 0.21 | 0.21 | 0.49 | 70 |  |  |  | * | 0.16 | 0.18 | 0.39 | 76 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.20 | 0.48 | 62 |  |  |  | 0.21 | 0.19 | 0.44 | 70 |  |  |  | * | 0.16 | 0.16 | 0.35 | 76 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 3 mm   | No Grid | 0.26 | 0.22 | 0.53 | 61 |  |  |  | 0.21 | 0.21 | 0.48 | 68 |  |  |  | * | 0.17 | 0.18 | 0.38 | 74 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.20 | 0.47 | 61 |  |  |  | 0.22 | 0.19 | 0.43 | 68 |  |  |  | * | 0.17 | 0.16 | 0.34 | 74 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 4 mm   | No Grid | 0.25 | 0.23 | 0.53 | 60 |  |  |  | 0.23 | 0.21 | 0.48 | 66 |  |  |  | * | 0.18 | 0.18 | 0.38 | 71 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.25 | 0.20 | 0.47 | 60 |  |  |  | 0.24 | 0.19 | 0.43 | 66 |  |  |  | * | 0.19 | 0.16 | 0.34 | 71 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Edge                                                | 2.5 mm | No Grid | 0.26 | 0.23 | 0.54 | 62 |  |  |  | 0.21 | 0.21 | 0.49 | 70 |  |  |  | * | 0.16 | 0.18 | 0.39 | 76 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.20 | 0.48 | 62 |  |  |  | 0.21 | 0.19 | 0.44 | 70 |  |  |  | * | 0.16 | 0.16 | 0.35 | 76 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 3 mm   | No Grid | 0.26 | 0.22 | 0.53 | 61 |  |  |  | 0.21 | 0.21 | 0.48 | 68 |  |  |  | * | 0.17 | 0.18 | 0.38 | 74 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.20 | 0.47 | 61 |  |  |  | 0.22 | 0.19 | 0.43 | 68 |  |  |  | * | 0.17 | 0.16 | 0.34 | 74 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 4 mm   | No Grid | 0.25 | 0.23 | 0.53 | 60 |  |  |  | 0.23 | 0.21 | 0.48 | 66 |  |  |  | * | 0.18 | 0.18 | 0.38 | 71 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.25 | 0.20 | 0.47 | 60 |  |  |  | 0.24 | 0.19 | 0.43 | 66 |  |  |  | * | 0.19 | 0.16 | 0.34 | 71 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Casement Window Performance                         |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
| Series 8600                                         | 2.5 mm | No Grid | 0.26 | 0.20 | 0.47 | 60 |  |  |  | 0.21 | 0.19 | 0.43 | 65 |  |  |  | * | 0.17 | 0.16 | 0.34 | 71 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.43 | 60 |  |  |  | 0.22 | 0.17 | 0.39 | 65 |  |  |  | * | 0.17 | 0.14 | 0.31 | 71 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 3 mm   | No Grid | 0.26 | 0.20 | 0.47 | 60 |  |  |  | 0.22 | 0.19 | 0.42 | 64 |  |  |  | * | 0.18 | 0.16 | 0.33 | 69 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.42 | 60 |  |  |  | 0.23 | 0.17 | 0.39 | 64 |  |  |  | * | 0.18 | 0.14 | 0.30 | 69 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Edge                                                | 2.5 mm | No Grid | 0.26 | 0.20 | 0.47 | 60 |  |  |  | 0.21 | 0.19 | 0.43 | 65 |  |  |  | * | 0.17 | 0.16 | 0.34 | 71 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.43 | 60 |  |  |  | 0.22 | 0.17 | 0.39 | 65 |  |  |  | * | 0.17 | 0.14 | 0.31 | 71 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 3 mm   | No Grid | 0.26 | 0.20 | 0.47 | 60 |  |  |  | 0.22 | 0.19 | 0.42 | 64 |  |  |  | * | 0.18 | 0.16 | 0.33 | 69 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.42 | 60 |  |  |  | 0.23 | 0.17 | 0.39 | 64 |  |  |  | * | 0.18 | 0.14 | 0.30 | 69 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Awning Window Performance                           |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
| Series 8600                                         | 2.5 mm | No Grid | 0.26 | 0.20 | 0.47 | 56 |  |  |  | 0.21 | 0.19 | 0.43 | 67 |  |  |  | * | 0.17 | 0.16 | 0.34 | 71 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.43 | 56 |  |  |  | 0.22 | 0.17 | 0.39 | 67 |  |  |  | * | 0.17 | 0.14 | 0.31 | 71 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     | 3 mm   | No Grid | 0.26 | 0.20 | 0.47 | 56 |  |  |  | 0.22 | 0.19 | 0.42 | 65 |  |  |  | * | 0.18 | 0.16 | 0.33 | 70 |  |  | * | * | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.26 | 0.18 | 0.42 | 56 |  |  |  | 0.23 | 0.17 | 0.39 | 65 |  |  |  | * | 0.18 | 0.14 | 0.30 | 70 |  |  | * | * | * | * |  |  |  |  |  |  |  |
| Patio Door Performance                              |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
| ThermalWeld Select                                  | 3 mm   | No Grid | 0.28 | 0.22 | 0.52 | 59 |  |  |  | 0.25 | 0.21 | 0.47 | 62 |  |  |  | * | 0.21 | 0.17 | 0.37 | 64 |  |  |   |   | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.28 | 0.20 | 0.45 | 59 |  |  |  | 0.26 | 0.18 | 0.41 | 62 |  |  |  | * | 0.21 | 0.15 | 0.33 | 64 |  |  |   |   | * | * |  |  |  |  |  |  |  |
| ThermalWeld Plus                                    | 3 mm   | No Grid | 0.28 | 0.22 | 0.52 | 59 |  |  |  | 0.25 | 0.21 | 0.47 | 62 |  |  |  | * | 0.21 | 0.17 | 0.37 | 64 |  |  |   |   | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.28 | 0.20 | 0.45 | 59 |  |  |  | 0.26 | 0.18 | 0.41 | 62 |  |  |  | * | 0.21 | 0.15 | 0.33 | 64 |  |  |   |   | * | * |  |  |  |  |  |  |  |
| Edge                                                | 3 mm   | No Grid | 0.28 | 0.22 | 0.52 | 59 |  |  |  | 0.25 | 0.21 | 0.47 | 62 |  |  |  | * | 0.21 | 0.17 | 0.37 | 64 |  |  |   |   | * | * |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.28 | 0.20 | 0.45 | 59 |  |  |  | 0.26 | 0.18 | 0.41 | 62 |  |  |  | * | 0.21 | 0.15 | 0.33 | 64 |  |  |   |   | * | * |  |  |  |  |  |  |  |
| DynaWeld                                            | 3 mm   | No Grid | 0.29 | 0.22 | 0.52 | 59 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
|                                                     |        | Grid    | 0.29 | 0.20 | 0.45 | 59 |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |
| * Indices ENERGY STAR® Most Efficient<br>Rev.2/2021 |        |         |      |      |      |    |  |  |  |      |      |      |    |  |  |  |   |      |      |      |    |  |  |   |   |   |   |  |  |  |  |  |  |  |

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