


Calculation based on ISO 15099

|  |                  |                                 |  |                   |       |              |       |
|--|------------------|---------------------------------|--|-------------------|-------|--------------|-------|
| Product name: <b>Westeck Revolution XL Lift Slide Door</b> |                  |                                 | Center-of-glass properties   |                   |       |              |       |
| ASHRAE/IECC/<br>DOE North<br>American<br>Climate Zone      | South-<br>facing | North,<br>East, West<br>-facing |  Cardinal E366 / kry95 / clr / kry95 /<br>E180 (4mm/4mm/4mm) - 1-3/8" IG_CL<br>No Grids |                   |       |              |       |
| <b>Climate specific recommendations:</b>                   |                  | Whole-window installed U-value  |  | <b>Ucog-Value</b> |       |              |       |
|  |                  | W/m2K                           | BTU/hr.ft2.F   | <b>SHGC</b>       | W/m2K | BTU/hr.ft2.F |       |
| 8  |                  |                                 | 0.78   | 0.14              | 0.241 | 0.615        | 0.108 |
| 7  |                  |                                 | 0.76   | 0.13              | 0.241 | 0.581        | 0.102 |
| 6  |                  | ✓                               | 0.72   | 0.13              | 0.241 | 0.537        | 0.095 |
| 5  |                  | ✓                               | 0.72   | 0.13              | 0.241 | 0.527        | 0.093 |
| 4  |                  | ✓                               | 0.71   | 0.12              | 0.241 | 0.512        | 0.090 |
| Marine North   |                  | ✓                               | 0.70   | 0.12              | 0.241 | 0.504        | 0.089 |
| Marine South   | ✓                | ✓                               | 0.70   | 0.12              | 0.241 | 0.497        | 0.088 |
| 3  | ✓                | ✓                               | 0.70   | 0.12              | 0.241 | 0.501        | 0.088 |
| 2 West   | ✓                | ✓                               | 0.70   | 0.12              | 0.241 | 0.498        | 0.088 |
| 2 East   | ✓                | ✓                               | 0.70   | 0.12              | 0.241 | 0.498        | 0.088 |


|  |              |      |         |              |            |             |
|--|--------------|------|---------|--------------|------------|-------------|
| <b>Westeck Revolution XL Lift Slide Door</b><br><b>Tremco EnerEDGE</b><br>Horizontal two lite left | FRAME        |      |         |              | Psi-spacer |             |
|  | Frame height |      | U-frame |              | Ψ          |             |
|  | mm           | in   | W/m2K   | BTU/hr.ft2.F | W/mK       | BTU/hr.ft.F |
| left head  | 177          | 6.97 | 0.81    | 0.14         | 0.016      | 0.009       |
| left sill  | 177          | 6.97 | 0.86    | 0.15         | 0.017      | 0.010       |
| left jamb  | 177          | 6.97 | 0.82    | 0.14         | 0.016      | 0.010       |
| right MR   | 56           | 2.19 | 0.70    | 0.12         | 0.013      | 0.007       |

|   |              |      |         |              |            |             |             |
|---|--------------|------|---------|--------------|------------|-------------|-------------|
| <b>Westeck Revolution XL Lift Slide Door</b><br><b>Tremco EnerEDGE</b><br>Horizontal two lite right | FRAME        |      |         |              | Psi-spacer |             | Psi-opaque  |
|   | Frame height |      | U-frame |              | Ψ          |             |             |
|   | mm           | in   | W/m2K   | BTU/hr.ft2.F | W/mK       | BTU/hr.ft.F |             |
| right head  | 177          | 6.97 | 0.84    | 0.15         | 0.016      | 0.009       | 0.150       |
| right sill  | 177          | 6.97 | 0.92    | 0.16         | 0.017      | 0.010       | BTU/hr.ft.F |
| right jamb  | 177          | 6.97 | 0.79    | 0.14         | 0.016      | 0.009       | 0.086       |
| left MR   | 56           | 2.19 | 1.96    | 0.34         | 0.020      | 0.012       | Grade B     |

For horizontal slider the right MR is the right jamb for the left segment and the left MR is the left jamb for the right segment

Valid through February 2023

Calculation based on ISO 15099

|  |              |                                 |  |            |       |              |
|--|--------------|---------------------------------|--|------------|-------|--------------|
| Product name: <b>Westeck Revolution XL Lift Slide Door</b> |              | Center-of-glass properties      |  |            |       |              |
| ASHRAE/IECC/<br>DOE North<br>American<br>Climate Zone      | South-facing | North,<br>East, West<br>-facing |  Cardinal E366 / kry95 / clr / kry95 /<br>E180 (4mm/4mm/4mm) - 1-3/8" IG_CL<br>Internal grids And SDL with Internal<br>grids < 25.4mm |            |       |              |
| Climate specific recommendations:                          |              | Whole-window installed U-value  |  | Ucog-Value |       |              |
|  |              | W/m2K                           | BTU/hr.ft2.F   | SHGC       | W/m2K | BTU/hr.ft2.F |
| 8  |              | 0.84                            | 0.15   | 0.200      | 0.615 | 0.108        |
| 7  |              | 0.81                            | 0.14   | 0.200      | 0.581 | 0.102        |
| 6  |              | 0.78                            | 0.14   | 0.200      | 0.537 | 0.095        |
| 5  |              | 0.77                            | 0.14   | 0.200      | 0.527 | 0.093        |
| 4  |              | 0.76                            | 0.13   | 0.200      | 0.512 | 0.090        |
| Marine North   |              | 0.76                            | 0.13   | 0.200      | 0.504 | 0.089        |
| Marine South   | ✓            | 0.75                            | 0.13   | 0.200      | 0.497 | 0.088        |
| 3  | ✓            | 0.76                            | 0.13   | 0.200      | 0.501 | 0.088        |
| 2 West   | ✓            | 0.75                            | 0.13   | 0.200      | 0.498 | 0.088        |
| 2 East   | ✓            | 0.75                            | 0.13   | 0.200      | 0.498 | 0.088        |

| Westeck Revolution XL Lift Slide Door<br>Tremco EnerEDGE<br>Horizontal two lite left | FRAME        |      |         |              | Psi-spacer |             |
|--|--------------|------|---------|--------------|------------|-------------|
|  | Frame height |      | U-frame |              | Ψ          |             |
|  | mm           | in   | W/m2K   | BTU/hr.ft2.F | W/mK       | BTU/hr.ft.F |
| left head  | 177          | 6.97 | 0.81    | 0.14         | 0.016      | 0.009       |
| left sill  | 177          | 6.97 | 0.86    | 0.15         | 0.017      | 0.010       |
| left jamb  | 177          | 6.97 | 0.82    | 0.14         | 0.016      | 0.010       |
| right MR   | 56           | 2.19 | 0.70    | 0.12         | 0.013      | 0.007       |


  

| Westeck Revolution XL Lift Slide Door<br>Tremco EnerEDGE<br>Horizontal two lite right | FRAME        |      |         |              | Psi-spacer |             | Psi-opaque  |
|---|--------------|------|---------|--------------|------------|-------------|-------------|
|   | Frame height |      | U-frame |              | Ψ          |             |             |
|   | mm           | in   | W/m2K   | BTU/hr.ft2.F | W/mK       | BTU/hr.ft.F |             |
| right head  | 177          | 6.97 | 0.84    | 0.15         | 0.016      | 0.009       | 0.150       |
| right sill  | 177          | 6.97 | 0.92    | 0.16         | 0.017      | 0.010       | BTU/hr.ft.F |
| right jamb  | 177          | 6.97 | 0.79    | 0.14         | 0.016      | 0.009       | 0.086       |
| left MR   | 56           | 2.19 | 1.96    | 0.34         | 0.020      | 0.012       | Grade B     |

For horizontal slider the right MR is the right jamb for the left segment and the left MR is the left jamb for the right segment

Valid through February 2023

Calculation based on ISO 15099

|  |              |                                 |  |            |       |              |
|--|--------------|---------------------------------|--|------------|-------|--------------|
| Product name: <b>Westeck Revolution XL Lift Slide Door</b> |              | Center-of-glass properties      |  |            |       |              |
| ASHRAE/IECC/<br>DOE North<br>American<br>Climate Zone      | South-facing | North,<br>East, West<br>-facing |  Cardinal E366 / kry95 / clr / kry95 /<br>E180 (4mm/4mm/4mm) - 1-3/8" IG_CL<br>Internal grids And SDL/Internal grids >=<br>25.4mm |            |       |              |
| Climate specific recommendations:                          |              | Whole-window installed U-value  |  | Ucog-Value |       |              |
|  |              | W/m2K                           | BTU/hr.ft2.F   | SHGC       | W/m2K | BTU/hr.ft2.F |
| 8  |              | 0.84                            | 0.15   | 0.161      | 0.615 | 0.108        |
| 7  |              | 0.81                            | 0.14   | 0.161      | 0.581 | 0.102        |
| 6  |              | 0.78                            | 0.14   | 0.161      | 0.537 | 0.095        |
| 5  |              | 0.77                            | 0.14   | 0.161      | 0.527 | 0.093        |
| 4  |              | 0.76                            | 0.13   | 0.161      | 0.512 | 0.090        |
| Marine North   |              | 0.76                            | 0.13   | 0.161      | 0.504 | 0.089        |
| Marine South   | ✓            | 0.75                            | 0.13   | 0.161      | 0.497 | 0.088        |
| 3  | ✓            | 0.76                            | 0.13   | 0.161      | 0.501 | 0.088        |
| 2 West   | ✓            | 0.75                            | 0.13   | 0.161      | 0.498 | 0.088        |
| 2 East   | ✓            | 0.75                            | 0.13   | 0.161      | 0.498 | 0.088        |

| Westeck Revolution XL Lift Slide<br>Tremco EnerEDGE<br>Horizontal two lite left | FRAME        |      |         |              | Psi-spacer |             |
|---|--------------|------|---------|--------------|------------|-------------|
|   | Frame height |      | U-frame |              | Ψ          |             |
|   | mm           | in   | W/m2K   | BTU/hr.ft2.F | W/mK       | BTU/hr.ft.F |
| left head   | 177          | 6.97 | 0.81    | 0.14         | 0.016      | 0.009       |
| left sill   | 177          | 6.97 | 0.86    | 0.15         | 0.017      | 0.010       |
| left jamb   | 177          | 6.97 | 0.82    | 0.14         | 0.016      | 0.010       |
| right MR  | 56           | 2.19 | 0.70    | 0.12         | 0.013      | 0.007       |

| Westeck Revolution XL Lift Slide D<br>Tremco EnerEDGE<br>Horizontal two lite right | FRAME        |      |         |              | Psi-spacer |             | Psi-opaque  |
|--|--------------|------|---------|--------------|------------|-------------|-------------|
|  | Frame height |      | U-frame |              | Ψ          |             |             |
|  | mm           | in   | W/m2K   | BTU/hr.ft2.F | W/mK       | BTU/hr.ft.F |             |
| right head   | 177          | 6.97 | 0.84    | 0.15         | 0.016      | 0.009       | 0.150       |
| right sill   | 177          | 6.97 | 0.92    | 0.16         | 0.017      | 0.010       | BTU/hr.ft.F |
| right jamb   | 177          | 6.97 | 0.79    | 0.14         | 0.016      | 0.009       | 0.086       |
| left MR  | 56           | 2.19 | 1.96    | 0.34         | 0.020      | 0.012       | Grade B     |

For horizontal slider the right MR is the right jamb for the left segment and the left MR is the left jamb for the right segment

Valid through February 2023