



**Phius Product Number:** D-100163  
**Date Last Certified:** 08/15/2023  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 08/15/2025  
**Air Leakage Test Data Available:** No



**PRODUCT INFORMATION**

<b>Product Name:</b> Westeck Revolution XL Lift Slide Door	
<b>Manufacturer:</b> Westeck Windows and Doors	<b>Primary Frame Material:</b> Vinyl
<b>Series:</b> Revolution XL	<b>Operation Category:</b> Sliding Door
<b>Model:</b> Revolution XL Lift Slide Door	<b>Operation Type:</b> Lift Slide Door
<b>NFRC CPD #:</b> UNK-N-10000-10000   <b>NFRC CPD # Lite Two:</b> UNK-N-10000-10000	

**IGU DETAILS**

<b>Glazing Name:</b> E366 / kry95 / clr / kry95 / E180 (4mm/4mm/4mm) - 1-3/8" IG_CL		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Krypton	<b>Spacer Model:</b> Tremco EnerEDGE

**RECOMMENDED CLIMATE ZONES** (NOTE: This information is not for use in building energy models. See next section.)

Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [Btu/hr·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓	✓	✓		
U-Whole-Door	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.13
<b>Modeled Size [W × H]</b>	78.74" × 78.74"		<b>SHGC, Whole Door:</b> 0.17				<b>Condensation Resistance:</b>			

**COMPONENT-LEVEL PERFORMANCE DATA [IP Units]** | Compatible with building energy modeling tools

U-COG   Center of Glass U-Values, by Climate Zone [Btu/hr·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.11
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.24		

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	6.97"	2.20"	6.97"	6.97"
<b>Frame U-Value [Btu/hr·ft²·°F]</b>	0.14	0.12	0.14	0.15
<b>Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]</b>	0.0094	0.0073	0.0094	0.0097

**Frame-to-Wall Psi Value** is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

Frame Parameters, Lite-Two	Left Meeting Rail	Right Jamb	Right Head	Right Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	6.97"	2.20"	6.97"	6.97"
<b>Frame U-Value [Btu/hr·ft²·°F]</b>	0.34	0.14	0.15	0.16
<b>Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]</b>	0.0095	0.0092	0.0090	0.0117

**Frame-to-Wall Psi Value** is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

For horizontal two-lite doors, assume Lite One is on the left and Lite Two is on the right. The right jamb of Lite One is the right meeting rail. The left jamb of Lite Two is the left meeting rail. | 10/31/2023



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**IGU DETAILS**

<b>Glazing Name:</b> E366 / kry95 / clr / kry95 / E180 (4mm/4mm/4mm) - 1-3/8" IG_CL		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Krypton	<b>Spacer Model:</b> Tremco EnerEDGE

**RECOMMENDED CLIMATE ZONES** (NOTE: This information is not for use in building energy models. See next section.)

Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [W/m <sup>2</sup> K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓	✓	✓		
U-Whole-Door	0.64	0.64	0.64	0.64	0.65	0.64	0.66	0.66	0.69	0.71
<b>Modeled Size [W × H]</b>	2.00 m × 2.00 m		<b>SHGC, Whole Door:</b> 0.17				<b>Condensation Resistance:</b>			

**COMPONENT-LEVEL PERFORMANCE DATA [SI Units]** | Compatible with building energy modeling tools

U-COG   Center of Glass U-Values, by Climate Zone [W/m <sup>2</sup> K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.50	0.50	0.50	0.50	0.51	0.50	0.53	0.54	0.58	0.62
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.24		

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	177 mm	56 mm	177 mm	177 mm
<b>Frame U-Value [W/m<sup>2</sup>K]</b>	0.82	0.70	0.81	0.86
<b>Glazing-to-Frame Psi Value [W/mK]</b>	0.0164	0.0128	0.0164	0.0168

**Frame-to-Wall Psi Value** is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

Frame Parameters, Lite-Two	Left Meeting Rail	Right Jamb	Right Head	Right Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	177 mm	56 mm	177 mm	177 mm
<b>Frame U-Value [W/m<sup>2</sup>K]</b>	1.96	0.79	0.84	0.92
<b>Glazing-to-Frame Psi Value [W/mK]</b>	0.0165	0.016	0.0157	0.0204

**Frame-to-Wall Psi Value** is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

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