Integrity Windows and Doors NFRC Values

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Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Operator/Stationary – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
1 1/8" Tri-Pane LoE 272 Air LoE 180 3.1 mm LoE 272 / 9.8mm air / 3.1 mm clr / 9.8mm air / LoE 180 3.1 mm		0.23	0.27	0.45	65	N, NC, SC, S	A, B, C
	SDLS < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	SDLS > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	SDLN < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	SDLN > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	GBG	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
1 1/8" Tri-Pane LoE 272 Argon LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm clr / 9.8mm argon / LoE180 3.1 mm		0.20	0.27	0.45	68	N, NC, SC, S	A, B, C, D
	SDLS > 1 "	0.20	0.23	0.37	68	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLN > 1 "	0.20	0.23	0.37	68	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	GBG	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
1 1/8" Tri-Pane LoE 272 Argon Obscure LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm obscure / 9.8mm argon / LoE180 3.1 mm		0.20	0.27	0.45	68	N, NC, SC, S	A, B, C, D
	SDLS > 1 "	0.20	0.23	0.37	68	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLN > 1 "	0.20	0.23	0.37	68	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	GBG	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.33	0.49	0.56	52		A, B
	SDLS < 1 "	0.33	0.44	0.51	52		A
	SDLS > 1 "	0.33	0.40	0.46	52		A
	SDLN < 1 "	0.33	0.44	0.51	52		A
	SDLN > 1 "	0.33	0.40	0.46	52		A
	GBG	0.34	0.44	0.51	52		A
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.33	0.50	0.56	53		A, B
	SDLS < 1 "	0.32	0.45	0.51	54	N	A, B
	SDLS > 1 "	0.32	0.41	0.46	54	N	A
	SDLN < 1 "	0.33	0.45	0.51	53		A
	SDLN > 1 "	0.32	0.41	0.46	54	N	A
	GBG	0.33	0.45	0.51	53		A
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.29	0.49	0.56	55	N	A, B, C
	SDLS < 1 "	0.29	0.45	0.51	55	N	A, B, C
	SDLS > 1 "	0.29	0.40	0.46	55	N, NC	A, B
	SDLN < 1 "	0.29	0.45	0.51	55	N	A, B, C
	GBG	0.30	0.45	0.51	55	N	A, B
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.30	0.50	0.56	56	N	A, B, C
	SDLS < 1 "	0.29	0.45	0.51	58	N	A, B, C
	SDLS > 1 "	0.29	0.41	0.46	58	N	A, B
	SDLN < 1 "	0.30	0.46	0.51	56	N	A, B
	SDLN > 1 "	0.29	0.41	0.46	58	N	A, B
	GBG	0.30	0.46	0.51	56	N	A, B
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.33	0.30	0.51	52	SC	
	SDLN > 1 "	0.33	0.25	0.41	52	SC, S	
	SDLS < 1 "	0.33	0.28	0.46	52	SC	
	GBG	0.34	0.28	0.46	52	SC	
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.32	0.30	0.51	55	NC, SC	A
	SDLN > 1 "	0.31	0.25	0.42	55	NC, SC, S	A
	SDLS > 1 "	0.31	0.25	0.42	55	NC, SC, S	A
	SDLS < 1 "	0.31	0.28	0.46	55	NC, SC	A
	GBG	0.32	0.28	0.46	55	NC, SC	A
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.28	0.30	0.51	58	N, NC, SC	A, B
	SDLN > 1 "	0.28	0.25	0.42	58	N, NC, SC, S	A, B
	SDLN < 1 "	0.28	0.27	0.46	58	N, NC, SC, S	A, B
	SDLS > 1 "	0.28	0.25	0.42	58	N, NC, SC, S	A, B
	SDLS < 1 "	0.28	0.27	0.46	58	N, NC, SC, S	A, B
	GBG	0.28	0.27	0.46	58	N, NC, SC, S	A, B
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.29	0.30	0.51	56	N, NC, SC	A
	SDLN < 1 "	0.29	0.27	0.46	56	N, NC, SC, S	A
	SDLN > 1 "	0.29	0.25	0.41	56	N, NC, SC, S	A
	SDLS > 1 "	0.29	0.25	0.41	56	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.27	0.46	56	N, NC, SC, S	A
	GBG	0.30	0.27	0.46	56	N, NC, SC, S	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Operator/Stationary – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.31	0.20	0.46	55	NC, SC, S	
	SDLN < 1 "	0.31	0.19	0.42	55	NC, SC, S	
	SDLN > 1 "	0.31	0.17	0.38	55	NC, SC, S	
	SDLS < 1 "	0.32	0.19	0.42	55	NC, SC, S	
	SDLS > 1 "	0.31	0.17	0.38	55	NC, SC, S	
	GBG	0.31	0.19	0.42	55	NC, SC, S	
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.32	0.21	0.46	53	NC, SC, S	
	SDLN > 1 "	0.32	0.17	0.37	53	NC, SC, S	
	SDLN < 1 "	0.32	0.19	0.41	53	NC, SC, S	
	SDLS > 1 "	0.32	0.17	0.37	53	NC, SC, S	
	SDLS < 1 "	0.32	0.19	0.41	53	NC, SC, S	
	GBG	0.33	0.19	0.41	53	SC, S	
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.28	0.20	0.46	56	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.19	0.41	56	N, NC, SC, S	A
	SDLN > 1 "	0.28	0.17	0.37	57	N, NC, SC, S	A
	SDLS < 1 "	0.28	0.19	0.41	56	N, NC, SC, S	A
	SDLS > 1 "	0.28	0.17	0.37	57	N, NC, SC, S	A
	GBG	0.29	0.19	0.41	56	N, NC, SC, S	A
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.28	0.20	0.46	59	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.18	0.42	59	N, NC, SC, S	A
	SDLN > 1 "	0.27	0.17	0.38	59	N, NC, SC, S	A
	SDLS < 1 "	0.28	0.18	0.42	59	N, NC, SC, S	A
	SDLS > 1 "	0.27	0.17	0.38	59	N, NC, SC, S	A
	GBG	0.28	0.18	0.42	59	N, NC, SC, S	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Operator/Stationary – IZ3

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Argon Lami 3.9mm LoE 272 / 7.0mm argon / 6.9mm SGP laminate		0.32	0.30	0.50	53	NC, SC	A
	SDLN < 1 "	0.32	0.27	0.45	53	NC, SC, S	A
	SDLN > 1 "	0.37	0.25	0.41	49	S	
11/16" IG LoE 272 Argon Lami 3.1 mm LoE 272 / 7.5mm argon / 6.9mm PVB laminate		0.31	0.30	0.50	55	NC, SC	A
	SDLN < 1 "	0.31	0.27	0.45	55	NC, SC, S	A
	SDLN > 1 "	0.36	0.25	0.41	50	S	
11/16" IG LoE 366 Argon Lami 3.1 mm LoE 366 / 7.5mm argon / 6.9mm PVB laminate		0.31	0.20	0.45	55	NC, SC, S	
	SDLN < 1 "	0.31	0.19	0.41	55	NC, SC, S	
	SDLN > 1 "	0.36	0.18	0.37	49	S	
11/16" IG LoE 366 Argon Lami 3.9mm LoE 366 / 7.0mm argon / 6.9mm SGP laminate		0.32	0.20	0.45	54	NC, SC, S	
	SDLN < 1 "	0.32	0.19	0.41	54	NC, SC, S	
	SDLN > 1 "	0.37	0.18	0.37	49	S	

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Operator/Stationary – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.33	0.49	0.56	52		A, B
	SDLN < 1 "	0.33	0.44	0.51	52		A
	SDLN > 1 "	0.33	0.40	0.46	52		A
	SDLS < 1 "	0.33	0.44	0.51	52		A
	SDLS > 1 "	0.33	0.40	0.46	52		A
	GBG	0.34	0.44	0.51	52		A
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.29	0.49	0.56	55	N	A, B, C
	SDLN > 1 "	0.29	0.40	0.46	55	N, NC	A, B
	SDLN < 1 "	0.29	0.45	0.51	55	N	A, B, C
	SDLS > 1 "	0.29	0.40	0.46	55	N, NC	A, B
	SDLS < 1 "	0.29	0.45	0.51	55	N	A, B, C
	GBG	0.30	0.45	0.51	55	N	A, B
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.33	0.30	0.51	52	SC	
	SDLN > 1 "	0.33	0.25	0.41	52	SC, S	
	SDLN < 1 "	0.33	0.28	0.46	52	SC	
	SDLS > 1 "	0.33	0.25	0.41	52	SC, S	
	SDLS < 1 "	0.33	0.28	0.46	52	SC	
	GBG	0.34	0.28	0.46	52	SC	
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure		0.33	0.30	0.51	52	SC	
	SDLN > 1 "	0.33	0.25	0.41	52	SC, S	
	SDLN < 1 "	0.33	0.28	0.46	52	SC	
	SDLS < 1 "	0.33	0.28	0.46	52	SC	
	SDLS > 1 "	0.33	0.25	0.41	52	SC, S	
	GBG	0.34	0.28	0.46	52	SC	
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.29	0.30	0.51	56	N, NC, SC	A
	SDLN < 1 "	0.29	0.27	0.46	56	N, NC, SC, S	A
	SDLN > 1 "	0.29	0.25	0.41	56	N, NC, SC, S	A
	SDLS > 1 "	0.29	0.25	0.41	56	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.27	0.46	56	N, NC, SC, S	A
	GBG	0.30	0.27	0.46	56	N, NC, SC, S	A
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure		0.29	0.30	0.51	56	N, NC, SC	A
	SDLN < 1 "	0.29	0.27	0.46	56	N, NC, SC, S	A
	SDLN > 1 "	0.29	0.25	0.41	56	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.27	0.46	56	N, NC, SC, S	A
	SDLS > 1 "	0.29	0.25	0.41	56	N, NC, SC, S	A
	GBG	0.30	0.27	0.46	56	N, NC, SC, S	A
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.32	0.21	0.46	53	NC, SC, S	
	SDLN > 1 "	0.32	0.17	0.37	53	NC, SC, S	
	SDLN < 1 "	0.32	0.19	0.41	53	NC, SC, S	
	SDLS > 1 "	0.32	0.17	0.37	53	NC, SC, S	
	SDLS < 1 "	0.32	0.19	0.41	53	NC, SC, S	
	GBG	0.33	0.19	0.41	53	SC, S	
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure		0.32	0.21	0.46	53	NC, SC, S	
	SDLN < 1 "	0.32	0.19	0.41	53	NC, SC, S	
	SDLN > 1 "	0.32	0.17	0.37	53	NC, SC, S	
	SDLS < 1 "	0.32	0.19	0.41	53	NC, SC, S	
	SDLS > 1 "	0.32	0.17	0.37	53	NC, SC, S	
	GBG	0.33	0.19	0.41	53	SC, S	
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.28	0.20	0.46	56	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.19	0.41	56	N, NC, SC, S	A
	SDLN > 1 "	0.28	0.17	0.37	57	N, NC, SC, S	A
	SDLS > 1 "	0.28	0.17	0.37	57	N, NC, SC, S	A
	SDLS < 1 "	0.28	0.19	0.41	56	N, NC, SC, S	A
	GBG	0.29	0.19	0.41	56	N, NC, SC, S	A
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure		0.28	0.20	0.46	56	N, NC, SC, S	A
	SDLN > 1 "	0.28	0.17	0.37	57	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.19	0.41	56	N, NC, SC, S	A
	SDLS > 1 "	0.28	0.17	0.37	57	N, NC, SC, S	A
	SDLS < 1 "	0.28	0.19	0.41	56	N, NC, SC, S	A
	GBG	0.29	0.19	0.41	56	N, NC, SC, S	A
11/16" IG Obscure Air LoE 180 3.1 mm obscure / 9.8mm air / LoE 180 4.7mm		0.33	0.49	0.56	52		A, B
	SDLN < 1 "	0.33	0.44	0.51	52		A
	SDLN > 1 "	0.33	0.40	0.46	52		A
	SDLS > 1 "	0.33	0.40	0.46	52		A
	SDLS < 1 "	0.33	0.44	0.51	52		A
	GBG	0.34	0.44	0.51	52		A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Operator/Stationary – Tri–pane Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
1 1/8" Tri-Pane LoE 272 Air LoE 180 3.1 mm LoE 272 / 9.8mm air / 3.1 mm clr / 9.8mm air / LoE 180 3.1 mm		0.23	0.27	0.45	65	N, NC, SC, S	A, B, C
	SDLN < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	SDLN > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	SDLS > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	SDLS < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	GBG	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
1 1/8" Tri-Pane LoE 272 Air Obscure LoE 180 3.1 mm LoE 272 / 9.8mm air / 3.1 mm obscure / 9.8mm air / LoE 180 3.1 mm		0.23	0.27	0.45	65	N, NC, SC, S	A, B, C
	SDLN < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	SDLN > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	SDLS > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	SDLS < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	GBG	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
1 1/8" Tri-Pane LoE 272 Argon LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm clr / 9.8mm argon / LoE180 3.1 mm		0.20	0.27	0.45	68	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLS > 1 "	0.20	0.23	0.37	68	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLN > 1 "	0.20	0.23	0.37	68	N, NC, SC, S	A, B, C, D
	GBG	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
1 1/8" Tri-Pane LoE 272 Argon Obscure LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm obscure / 9.8mm argon / LoE180 3.1 mm		0.20	0.27	0.45	68	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLS > 1 "	0.20	0.23	0.37	68	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLN > 1 "	0.20	0.23	0.37	68	N, NC, SC, S	A, B, C, D
	GBG	0.20	0.25	0.41	68	N, NC, SC, S	A, B, C, D

Integrity Windows and Doors NFRC Values

Wood–Ultrex Awning Operator/Stationary – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
1 1/8" Tri-Pane LoE 272 Air LoE 180 3.1 mm LoE 272 / 9.8mm air / 3.1 mm clr / 9.8mm air / LoE 180 3.1 mm		0.23	0.27	0.45	65	N, NC, SC, S	A, B, C
	SDLS < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	SDLS > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	SDLN < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	SDLN > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	GBG	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
1 1/8" Tri-Pane LoE 272 Argon LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm clr / 9.8mm argon / LoE180 3.1 mm		0.20	0.27	0.45	69	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
	SDLS > 1 "	0.20	0.23	0.37	69	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
	SDLN > 1 "	0.20	0.23	0.37	69	N, NC, SC, S	A, B, C, D
	GBG	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
1 1/8" Tri-Pane LoE 272 Argon Obscure LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm obscure / 9.8mm argon / LoE180 3.1 mm		0.20	0.27	0.45	69	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
	SDLN > 1 "	0.20	0.23	0.37	69	N, NC, SC, S	A, B, C, D
	SDLS > 1 "	0.20	0.23	0.37	69	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
	GBG	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.33	0.50	0.56	52		A, B
	SDLN > 1 "	0.32	0.41	0.46	53	N	A
	SDLN < 1 "	0.33	0.45	0.51	52		A
	SDLS > 1 "	0.32	0.41	0.46	53	N	A
	SDLS < 1 "	0.32	0.45	0.51	53	N	A, B
	GBG	0.33	0.45	0.51	52		A
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.33	0.49	0.56	51		A, B
	SDLS < 1 "	0.33	0.44	0.51	51		A
	SDLS > 1 "	0.33	0.40	0.46	51		A
	SDLN < 1 "	0.33	0.44	0.51	51		A
	SDLN > 1 "	0.33	0.40	0.46	51		A
	GBG	0.34	0.44	0.51	50		A
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.30	0.49	0.56	54	N	A, B, C
	SDLS < 1 "	0.30	0.45	0.51	54	N	A, B
	SDLS > 1 "	0.30	0.40	0.46	54	N, NC	A, B
	SDLN < 1 "	0.30	0.45	0.51	54	N	A, B
	SDLN > 1 "	0.30	0.40	0.46	54	N, NC	A, B
	GBG	0.30	0.45	0.51	54	N	A, B
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.30	0.50	0.56	55	N	A, B, C
	SDLS < 1 "	0.29	0.45	0.51	56	N	A, B, C
	SDLS > 1 "	0.29	0.41	0.46	56	N	A, B
	SDLN < 1 "	0.30	0.46	0.51	55	N	A, B
	SDLN > 1 "	0.29	0.41	0.46	56	N	A, B
	GBG	0.30	0.46	0.51	55	N	A, B
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.32	0.30	0.51	53	NC, SC	A
	SDLS > 1 "	0.32	0.25	0.42	53	NC, SC, S	A
	SDLS < 1 "	0.32	0.28	0.46	53	NC, SC	A
	SDLN > 1 "	0.32	0.25	0.42	53	NC, SC, S	A
	SDLN < 1 "	0.32	0.28	0.46	53	NC, SC	A
	GBG	0.32	0.28	0.46	53	NC, SC	A
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.33	0.30	0.51	51	SC	
	SDLS < 1 "	0.33	0.28	0.46	51	SC	
	SDLS > 1 "	0.33	0.25	0.41	51	SC, S	
	SDLN > 1 "	0.33	0.25	0.41	51	SC, S	
	SDLN < 1 "	0.33	0.28	0.46	51	SC	
	GBG	0.34	0.28	0.46	51	SC	
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.29	0.30	0.51	55	N, NC, SC	A
	SDLS > 1 "	0.29	0.25	0.41	55	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.27	0.46	55	N, NC, SC, S	A
	SDLN > 1 "	0.29	0.25	0.41	55	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.27	0.46	55	N, NC, SC, S	A
	GBG	0.29	0.27	0.46	55	N, NC, SC, S	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Awning Operator/Stationary – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.28	0.30	0.51	57	N, NC, SC	A, B
	SDLS > 1 "	0.28	0.25	0.42	57	N, NC, SC, S	A, B
	SDLS < 1 "	0.28	0.27	0.46	57	N, NC, SC, S	A, B
	SDLN < 1 "	0.28	0.27	0.46	57	N, NC, SC, S	A, B
	SDLN > 1 "	0.28	0.25	0.42	57	N, NC, SC, S	A, B
	GBG	0.28	0.27	0.46	57	N, NC, SC, S	A, B
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.32	0.21	0.46	51	NC, SC, S	
	SDLN > 1 "	0.32	0.17	0.37	51	NC, SC, S	
	SDLN < 1 "	0.32	0.19	0.41	51	NC, SC, S	
	SDLS > 1 "	0.32	0.17	0.37	51	NC, SC, S	
	SDLS < 1 "	0.32	0.19	0.41	51	NC, SC, S	
	GBG	0.33	0.19	0.41	51	SC, S	
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.31	0.20	0.46	53	NC, SC, S	
	SDLS < 1 "	0.32	0.19	0.42	53	NC, SC, S	
	SDLS > 1 "	0.31	0.17	0.38	53	NC, SC, S	
	GBG	0.31	0.19	0.42	53	NC, SC, S	
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.28	0.20	0.46	55	N, NC, SC, S	A
	SDLS < 1 "	0.28	0.19	0.41	55	N, NC, SC, S	A
	SDLS > 1 "	0.28	0.17	0.37	55	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.19	0.41	55	N, NC, SC, S	A
	SDLN > 1 "	0.28	0.17	0.37	55	N, NC, SC, S	A
	GBG	0.29	0.19	0.41	55	N, NC, SC, S	A
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.28	0.20	0.46	57	N, NC, SC, S	A
	SDLN > 1 "	0.28	0.17	0.38	57	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.18	0.42	57	N, NC, SC, S	A
	SDLS > 1 "	0.28	0.17	0.38	57	N, NC, SC, S	A
	SDLS < 1 "	0.28	0.18	0.42	57	N, NC, SC, S	A
	GBG	0.28	0.18	0.42	57	N, NC, SC, S	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Awning Operator/Stationary – IZ3

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Argon Lami 3.9mm LoE 272 / 7.0mm argon / 6.9mm SGP laminate		0.32	0.30	0.50	53	NC, SC	A
	SDLN < 1 "	0.32	0.27	0.45	53	NC, SC, S	A
	SDLN >1"	0.32	0.25	0.41	52	NC, SC, S	A
11/16" IG LoE 272 Argon Lami 3.1 mm LoE 272 / 7.5mm argon / 6.9mm PVB laminate		0.31	0.30	0.50	54	NC, SC	A
	SDLN < 1 "	0.31	0.27	0.45	54	NC, SC, S	A
	SDLN >1"	0.31	0.25	0.41	54	NC, SC, S	
11/16" IG LoE 366 Argon Lami 3.1 mm LoE 366 / 7.5mm argon / 6.9mm PVB laminate		0.31	0.20	0.45	54	NC, SC, S	
	SDLN < 1 "	0.31	0.19	0.41	54	NC, SC, S	
	SDLN >1"	0.35	0.17	0.37	50	SC, S	
11/16" IG LoE 366 Argon Lami 3.9mm LoE 366 / 7.0mm argon / 6.9mm SGP laminate		0.32	0.20	0.45	53	NC, SC, S	
	SDLN < 1 "	0.32	0.19	0.41	53	NC, SC, S	
	SDLN >1"	0.37	0.18	0.037	48	S	

Integrity Windows and Doors NFRC Values

Wood–Ultrex Awning Operator/Stationary – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.33	0.49	0.56	51		A, B
	SDLN > 1 "	0.33	0.40	0.46	51		A
	SDLN < 1 "	0.33	0.44	0.51	51		A
	SDLS < 1 "	0.33	0.44	0.51	51		A
	SDLS > 1 "	0.33	0.40	0.46	51		A
	GBG	0.34	0.44	0.51	50		A
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.30	0.49	0.56	54	N	A, B, C
	SDLN < 1 "	0.30	0.45	0.51	54	N	A, B
	SDLN > 1 "	0.30	0.40	0.46	54	N, NC	A, B
	SDLS < 1 "	0.30	0.45	0.51	54	N	A, B
	SDLS > 1 "	0.30	0.40	0.46	54	N, NC	A, B
	GBG	0.30	0.45	0.51	54	N	A, B
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.33	0.30	0.51	51	SC	
	SDLN < 1 "	0.33	0.28	0.46	51	SC	
	SDLN > 1 "	0.33	0.25	0.41	51	SC, S	
	SDLS < 1 "	0.33	0.28	0.46	51	SC	
	SDLS > 1 "	0.33	0.25	0.41	51	SC, S	
	GBG	0.34	0.28	0.46	51	SC	
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure		0.33	0.30	0.51	51	SC	
	SDLN > 1 "	0.33	0.25	0.41	51	SC, S	
	SDLN < 1 "	0.33	0.28	0.46	51	SC	
	SDLS < 1 "	0.33	0.28	0.46	51	SC	
	SDLS > 1 "	0.33	0.25	0.41	51	SC, S	
	GBG	0.34	0.28	0.46	51	SC	
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.29	0.30	0.51	55	N, NC, SC	A
	SDLN > 1 "	0.29	0.25	0.41	55	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.27	0.46	55	N, NC, SC, S	A
	SDLS > 1 "	0.29	0.25	0.41	55	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.27	0.46	55	N, NC, SC, S	A
	GBG	0.29	0.27	0.46	55	N, NC, SC, S	A
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure		0.29	0.30	0.51	55	N, NC, SC	A
	SDLN < 1 "	0.29	0.27	0.46	55	N, NC, SC, S	A
	SDLN > 1 "	0.29	0.25	0.41	55	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.27	0.46	55	N, NC, SC, S	A
	SDLS > 1 "	0.29	0.25	0.41	55	N, NC, SC, S	A
	GBG	0.29	0.27	0.46	55	N, NC, SC, S	A
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.32	0.21	0.46	51	NC, SC, S	
	SDLN < 1 "	0.32	0.19	0.41	51	NC, SC, S	
	SDLN > 1 "	0.32	0.17	0.37	51	NC, SC, S	
	SDLS < 1 "	0.32	0.19	0.41	51	NC, SC, S	
	SDLS > 1 "	0.32	0.17	0.37	51	NC, SC, S	
	GBG	0.33	0.19	0.41	51	SC, S	
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure		0.32	0.21	0.46	51	NC, SC, S	
	SDLN < 1 "	0.32	0.19	0.41	51	NC, SC, S	
	SDLN > 1 "	0.32	0.17	0.37	51	NC, SC, S	
	SDLS > 1 "	0.32	0.17	0.37	51	NC, SC, S	
	SDLS < 1 "	0.32	0.19	0.41	51	NC, SC, S	
	GBG	0.33	0.19	0.41	51	SC, S	
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.28	0.20	0.46	55	N, NC, SC, S	A
	SDLN > 1 "	0.28	0.17	0.37	55	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.19	0.41	55	N, NC, SC, S	A
	SDLS > 1 "	0.28	0.17	0.37	55	N, NC, SC, S	A
	SDLS < 1 "	0.28	0.19	0.41	55	N, NC, SC, S	A
	GBG	0.29	0.19	0.41	55	N, NC, SC, S	A
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure		0.28	0.20	0.46	55	N, NC, SC, S	A
	SDLN > 1 "	0.28	0.17	0.37	55	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.19	0.41	55	N, NC, SC, S	A
	SDLS < 1 "	0.28	0.19	0.41	55	N, NC, SC, S	A
	SDLS > 1 "	0.28	0.17	0.37	55	N, NC, SC, S	A
	GBG	0.29	0.19	0.41	55	N, NC, SC, S	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Awning Operator/Stationary – Tri–pane Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
1 1/8" Tri-Pane LoE 272 Air LoE 180 3.1 mm LoE 272 / 9.8mm air / 3.1 mm clr / 9.8mm air / LoE 180 3.1 mm		0.23	0.27	0.45	65	N, NC, SC, S	A, B, C
	SDLN < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	SDLN > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	SDLS > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	SDLS < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	GBG	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
1 1/8" Tri-Pane LoE 272 Air Obscure LoE 180 3.1 mm LoE 272 / 9.8mm air / 3.1 mm obscure / 9.8mm air / LoE 180 3.1 mm		0.23	0.27	0.45	65	N, NC, SC, S	A, B, C
	SDLN < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	SDLN > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	SDLS > 1 "	0.23	0.23	0.37	65	N, NC, SC, S	A, B, C
	SDLS < 1 "	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
	GBG	0.23	0.25	0.41	65	N, NC, SC, S	A, B, C
1 1/8" Tri-Pane LoE 272 Argon LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm clr / 9.8mm argon / LoE180 3.1 mm		0.20	0.27	0.45	69	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
	SDLN > 1 "	0.20	0.23	0.37	69	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
	SDLS > 1 "	0.20	0.23	0.37	69	N, NC, SC, S	A, B, C, D
	GBG	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
1 1/8" Tri-Pane LoE 272 Argon Obscure LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm obscure / 9.8mm argon / LoE180 3.1 mm		0.20	0.27	0.45	69	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
	SDLN > 1 "	0.20	0.23	0.37	69	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D
	SDLS > 1 "	0.20	0.23	0.37	69	N, NC, SC, S	A, B, C, D
	GBG	0.20	0.25	0.41	69	N, NC, SC, S	A, B, C, D

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Picture – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
1 1/8" Tri-Pane LoE 272 Air LoE 180 3.1 mm LoE 272 / 9.8mm air / 3.1 mm clr / 9.8mm air / LoE 180 3.1 mm		0.21	0.31	0.51	65	N, NC	A, B, C, D
	SDLS < 1 "	0.21	0.28	0.46	65	N, NC, SC	A, B, C, D
	SDLS > 1 "	0.21	0.25	0.41	65	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.21	0.28	0.46	65	N, NC, SC	A, B, C, D
	SDLN > 1 "	0.21	0.25	0.41	65	N, NC, SC, S	A, B, C, D
	GBG	0.22	0.28	0.46	65	N, NC, SC	A, B, C
1 1/8" Tri-Pane LoE 272 Argon LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm clr / 9.8mm argon / LoE180 3.1 mm		0.18	0.31	0.51	68	N, NC	A, B, C, D
	SDLS < 1 "	0.18	0.28	0.46	68	N, NC, SC	A, B, C, D
	SDLS > 1 "	0.18	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.18	0.28	0.46	68	N, NC, SC	A, B, C, D
	SDLN > 1 "	0.18	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	GBG	0.19	0.28	0.46	68	N, NC, SC	A, B, C, D
1 1/8" Tri-Pane LoE 272 Argon Obscure LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm obscure / 9.8mm argon / LoE180 3.1 mm		0.18	0.31	0.51	68	N, NC	A, B, C, D
	SDLS < 1 "	0.18	0.28	0.46	68	N, NC, SC	A, B, C, D
	SDLS > 1 "	0.18	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLN < 1 "	0.18	0.28	0.46	68	N, NC, SC	A, B, C, D
	SDLN > 1 "	0.18	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	GBG	0.19	0.28	0.46	68	N, NC, SC	A, B, C, D
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.33	0.55	0.64	51		A, B, C
	SDLS < 1 "	0.33	0.50	0.57	51		A, B
	SDLS > 1 "	0.33	0.44	0.51	51		A
	SDLN < 1 "	0.33	0.50	0.57	51		A, B
	GBG	0.34	0.50	0.57	51		A, B
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.33	0.57	0.64	53		A, B, C
	SDLS < 1 "	0.31	0.50	0.57	54	N	A, B, C
	SDLS > 1 "	0.31	0.45	0.51	54	N	A, B
	SDLN < 1 "	0.33	0.51	0.57	53		A, B
	SDLN > 1 "	0.31	0.45	0.51	54	N	A, B
	GBG	0.33	0.51	0.57	53		A, B
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm	SDLN > 1 "	0.33	0.44	0.51	51		A
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.28	0.56	0.64	55	N	A, B, C, D
	SDLS < 1 "	0.28	0.50	0.57	55	N	A, B, C, D
	SDLS > 1 "	0.28	0.45	0.51	55	N	A, B, C
	SDLN < 1 "	0.28	0.50	0.57	55	N	A, B, C, D
	SDLN > 1 "	0.28	0.45	0.51	55	N	A, B, C
	GBG	0.29	0.50	0.57	55	N	A, B, C
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.29	0.57	0.64	56	N	A, B, C, D
	SDLS < 1 "	0.28	0.50	0.57	57	N	A, B, C, D
	SDLS > 1 "	0.28	0.45	0.51	57	N	A, B, C
	SDLN < 1 "	0.29	0.51	0.57	56	N	A, B, C
	SDLN > 1 "	0.28	0.45	0.51	57	N	A, B, C
	GBG	0.29		0.57	56	N	A, B, C
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.31	0.34	0.58	54	NC	A
	SDLS < 1 "	0.31	0.31	0.52	54	NC	A
	SDLS > 1 "	0.31	0.28	0.46	54	NC, SC	A
	SDLN < 1 "	0.31	0.31	0.52	54	NC	A
	GBG	0.31	0.31	0.52	54	NC	A
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.32	0.34	0.58	52	NC	A
	SDLS > 1 "	0.32	0.28	0.46	52	NC, SC	A
	SDLS < 1 "	0.32	0.31	0.52	52	NC	A
	SDLN > 1 "	0.32	0.28	0.46	52	NC, SC	A
	SDLN < 1 "	0.32	0.31	0.52	52	NC	A
	GBG	0.33	0.31	0.52	52		
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr	SDLN > 1 "	0.31	0.28	0.46	54	NC, SC	A
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.28	0.34	0.58	55	N, NC	A, B
	SDLS > 1 "	0.28	0.28	0.46	55	N, NC, SC	A, B
	SDLS < 1 "	0.28	0.31	0.52	55	N, NC	A, B
	SDLN > 1 "	0.28	0.28	0.46	55	N, NC, SC	A, B
	SDLN < 1 "	0.28	0.31	0.52	55	N, NC	A, B
	GBG	0.29	0.31	0.52	55	N, NC	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Picture – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.27	0.34	0.58	57	N, NC	A, B
	SDLS > 1 "	0.27	0.28	0.46	58	N, NC, SC	A, B
	SDLS < 1 "	0.27	0.31	0.52	58	N, NC	A, B
	SDLN > 1 "	0.27	0.28	0.46	58	N, NC, SC	A, B
	SDLN < 1 "	0.27	0.31	0.52	57	N, NC	A, B
	GBG	0.27	0.31	0.52	57	N, NC	A, B
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.32	0.23	0.52	52	NC, SC, S	A
	SDLS > 1 "	0.32	0.19	0.41	52	NC, SC, S	
	SDLS < 1 "	0.32	0.21	0.47	52	NC, SC, S	
	SDLN < 1 "	0.32	0.21	0.47	52	NC, SC, S	
	GBG	0.33	0.21	0.47	52	SC, S	
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.30	0.23	0.53	54	N, NC, SC, S	A
	SDLS > 1 "	0.30	0.19	0.42	54	N, NC, SC, S	A
	SDLS < 1 "	0.31	0.21	0.47	54	NC, SC, S	A
	SDLN > 1 "	0.30	0.19	0.42	54	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.21	0.47	54	N, NC, SC, S	A
	GBG	0.30	0.21	0.47	54	N, NC, SC, S	A
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr	SDLN > 1 "	0.32	0.19	0.41	52	NC, SC, S	
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.27	0.23	0.52	56	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.21	0.47	56	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.19	0.41	56	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.19	0.41	56	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.21	0.47	56	N, NC, SC, S	A, B
	GBG	0.28	0.21	0.47	56	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.26	0.23	0.53	58	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.20	0.47	58	N, NC, SC, S	A, B
	SDLS > 1 "	0.26	0.19	0.42	58	N, NC, SC, S	A, B
	SDLN > 1 "	0.26	0.19	0.42	58	N, NC, SC, S	A, B
	SDLN < 1 "	0.26	0.20	0.47	58	N, NC, SC, S	A, B
	GBG	0.26	0.20	0.47	58	N, NC, SC, S	A, B

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Picture – IZ3

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Argon Lami 3.9mm LoE 272 / 7.0mm argon / 6.9mm SGP laminate		0.31	0.33	0.57	53	NC	A
	SDLN < 1 "	0.31	0.30	0.51	53	NC, SC	A
	SDLN > 1 "	0.33	0.27	0.45	53	SC, S	
11/16" IG LoE 272 Argon Lami 3.1 mm LoE 272 / 7.5mm argon / 6.9mm PVB laminate		0.30	0.34	0.57	54	N, NC	A
	SDLN < 1 "	0.30	0.30	0.51	54	N, NC, SC	A
	SDLN > 1 "	0.30	0.27	0.45	54	N, NC, SC, S	A
11/16" IG LoE 366 Argon Lami 3.1 mm LoE 366 / 7.5mm argon / 6.9mm PVB laminate		0.30	0.23	0.51	55	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.21	0.46	55	N, NC, SC, S	A
	SDLN > 1 "	0.30	0.19	0.41	55	N, NC, SC, S	A
11/16" IG LoE 366 Argon Lami 3.9mm LoE 366 / 7.0mm argon / 6.9mm SGP laminate		0.31	0.23	0.51	53	NC, SC, S	A
	SDLN < 1 "	0.31	0.21	0.46	53	NC, SC, S	A
	SDLN > 1 "	0.31	0.19	0.41	53	NC, SC, S	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Picture – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.33	0.55	0.64	51		A, B, C
	SDLN > 1 "	0.33	0.44	0.51	51		A
	SDLN < 1 "	0.33	0.50	0.57	51		A, B
	SDLS > 1 "	0.33	0.44	0.51	51		A
	SDLS < 1 "	0.33	0.50	0.57	51		A, B
	GBG	0.34	0.50	0.57	51		A, B
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.28	0.56	0.64	55	N	A, B, C, D
	SDLN > 1 "	0.28	0.45	0.51	55	N	A, B, C
	SDLN < 1 "	0.28	0.50	0.57	55	N	A, B, C, D
	SDLS > 1 "	0.28	0.45	0.51	55	N	A, B, C
	SDLS < 1 "	0.28	0.50	0.57	55	N	A, B, C, D
	GBG	0.29	0.50	0.57	55	N	A, B, C
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.32	0.34	0.58	52	NC	A
	SDLN < 1 "	0.32	0.31	0.52	52	NC	A
	SDLN > 1 "	0.32	0.28	0.46	52	NC, SC	A
	SDLS < 1 "	0.32	0.31	0.52	52	NC	A
	SDLS > 1 "	0.32	0.28	0.46	52	NC, SC	A
	GBG	0.33	0.31	0.52	52		
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure		0.32	0.34	0.58	52	NC	A
	SDLN < 1 "	0.32	0.31	0.52	52	NC	A
	SDLN > 1 "	0.32	0.28	0.46	52	NC, SC	A
	SDLS < 1 "	0.32	0.31	0.52	52	NC	A
	SDLS > 1 "	0.32	0.28	0.46	52	NC, SC	A
	GBG	0.33	0.31	0.52	52		
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.28	0.34	0.58	55	N, NC	A, B
	SDLN < 1 "	0.28	0.31	0.52	55	N, NC	A, B
	SDLN > 1 "	0.28	0.28	0.46	55	N, NC, SC	A, B
	SDLS < 1 "	0.28	0.31	0.52	55	N, NC	A, B
	SDLS > 1 "	0.28	0.28	0.46	55	N, NC, SC	A, B
	GBG	0.29	0.31	0.52	55	N, NC	A
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure		0.28	0.34	0.58	55	N, NC	A, B
	SDLN < 1 "	0.28	0.31	0.52	55	N, NC	A, B
	SDLN > 1 "	0.28	0.28	0.46	55	N, NC, SC	A, B
	SDLS < 1 "	0.28	0.31	0.52	55	N, NC	A, B
	SDLS > 1 "	0.28	0.28	0.46	55	N, NC, SC	A, B
	GBG	0.29	0.31	0.52	55	N, NC	A
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.32	0.23	0.52	52	NC, SC, S	A
	SDLN < 1 "	0.32	0.21	0.47	52	NC, SC, S	
	SDLN > 1 "	0.32	0.19	0.41	52	NC, SC, S	
	SDLS < 1 "	0.32	0.21	0.47	52	NC, SC, S	
	SDLS > 1 "	0.32	0.19	0.41	52	NC, SC, S	
	GBG	0.33	0.21	0.47	52	SC, S	
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure		0.32	0.23	0.52	52	NC, SC, S	A
	SDLN < 1 "	0.32	0.21	0.47	52	NC, SC, S	
	SDLN > 1 "	0.32	0.19	0.41	52	NC, SC, S	
	SDLS < 1 "	0.32	0.21	0.47	52	NC, SC, S	
	SDLS > 1 "	0.32	0.19	0.41	52	NC, SC, S	
	GBG	0.33	0.21	0.47	52	SC, S	
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.27	0.23	0.52	56	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.21	0.47	56	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.19	0.41	56	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.19	0.41	56	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.21	0.47	56	N, NC, SC, S	A, B
	GBG	0.28	0.21	0.47	56	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure		0.27	0.23	0.52	56	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.19	0.41	56	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.21	0.47	56	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.21	0.47	56	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.19	0.41	56	N, NC, SC, S	A, B
	GBG	0.28	0.21	0.47	56	N, NC, SC, S	A, B

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Picture – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Obscure Air LoE 180 3.1 mm obscure / 9.8mm air / LoE 180 4.7mm		0.33	0.55	0.64	51		A, B, C
	SDLN > 1 "	0.33	0.44	0.51	51		A
	SDLN < 1 "	0.33	0.50	0.57	51		A, B
	SDLS > 1 "	0.33	0.44	0.51	51		A
	SDLS < 1 "	0.33	0.50	0.57	51		A, B
	GBG	0.34	0.50	0.57	51		A, B
11/16" IG Obscure Argon LoE 180 3.1 mm obscure / 9.8mm argon / LoE 180 4.7mm		0.28	0.56	0.64	55	N	A, B, C, D
	SDLN > 1 "	0.28	0.45	0.51	55	N	A, B, C
	SDLN < 1 "	0.28	0.50	0.57	55	N	A, B, C, D
	SDLS > 1 "	0.28	0.45	0.51	55	N	A, B, C
	SDLS < 1 "	0.28	0.50	0.57	55	N	A, B, C, D
	GBG	0.29	0.50	0.57	55	N	A, B, C

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Picture – Tri–pane Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
1 1/8" Tri-Pane LoE 272 Air LoE 180 3.1 mm LoE 272 / 9.8mm air / 3.1 mm clr / 9.8mm air / LoE 180 3.1 mm		0.21	0.31	0.51	65	N, NC	A, B, C, D
	SDLN < 1 "	0.21	0.28	0.46	65	N, NC, SC	A, B, C, D
	SDLN > 1 "	0.21	0.25	0.41	65	N, NC, SC, S	A, B, C, D
	SDLS > 1 "	0.21	0.25	0.41	65	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.21	0.28	0.46	65	N, NC, SC	A, B, C, D
	GBG	0.22	0.28	0.46	65	N, NC, SC	A, B, C
1 1/8" Tri-Pane LoE 272 Air Obscure LoE 180 3.1 mm LoE 272 / 9.8mm air / 3.1 mm obscure / 9.8mm air / LoE 180 3.1 mm		0.21	0.31	0.51	65	N, NC	A, B, C, D
	SDLN < 1 "	0.21	0.28	0.46	65	N, NC, SC	A, B, C, D
	SDLN > 1 "	0.21	0.25	0.41	65	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.21	0.28	0.46	65	N, NC, SC	A, B, C, D
	SDLS > 1 "	0.21	0.25	0.41	65	N, NC, SC, S	A, B, C, D
	GBG	0.22	0.28	0.46	65	N, NC, SC	A, B, C
1 1/8" Tri-Pane LoE 272 Argon LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm clr / 9.8mm argon / LoE180 3.1 mm		0.18	0.31	0.51	68	N, NC	A, B, C, D
	SDLN < 1 "	0.18	0.28	0.46	68	N, NC, SC	A, B, C, D
	SDLN > 1 "	0.18	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLS > 1 "	0.18	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.18	0.28	0.46	68	N, NC, SC	A, B, C, D
	GBG	0.19	0.28	0.46	68	N, NC, SC	A, B, C, D
1 1/8" Tri-Pane LoE 272 Argon Obscure LoE 180 3.1 mm LoE 272 / 9.8mm argon / 3.1 mm obscure / 9.8mm argon / LoE180 3.1 mm		0.18	0.31	0.51	68	N, NC	A, B, C, D
	SDLN < 1 "	0.18	0.28	0.46	68	N, NC, SC	A, B, C, D
	SDLN > 1 "	0.18	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	SDLS < 1 "	0.18	0.28	0.46	68	N, NC, SC	A, B, C, D
	SDLS > 1 "	0.18	0.25	0.41	68	N, NC, SC, S	A, B, C, D
	GBG	0.19	0.28	0.46	68	N, NC, SC	A, B, C, D
1 3/16" Tri-Pane LoE 272 Air LoE 180 4.7mm LoE 272 / 7.5mm air / 4.7mm clr / 7.5mm air / LoE 180 4.7mm		0.24	0.30	0.50	61	N, NC, SC	A, B, C
	SDLN < 1 "	0.24	0.27	0.45	61	N, NC, SC, S	A, B, C
	SDLN > 1 "	0.24	0.27	0.45	61	N, NC, SC, S	A, B, C

Integrity Windows and Doors NFRC Values

Wood–Ultrex Double Hung – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Obscure Argon LoE 180 3.1 mm obscure / 11.5mm argon / LoE 180 3.1 mm	SDLS < 1 "	0.30	0.46	0.53	55	N	A, B, C
11/16" IG Obscure Air LoE 180 3.1 mm obscure / 11.5mm air / LoE 180 3.1 mm	SDLS < 1 "	0.33	0.46	0.53	52		A, B
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure		0.28	0.21	0.49	56	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.19	0.43	56	N, NC, SC, S	
	SDLN < 1 "	0.28	0.19	0.43	56	N, NC, SC, S	A
	GBG	0.28	0.19	0.43	56	N, NC, SC, S	A
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.28	0.21	0.49	56	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.19	0.43	56	N, NC, SC, S	
	SDLN < 1 "	0.28	0.19	0.43	56	N, NC, SC, S	A
	GBG	0.28	0.19	0.43	56	N, NC, SC, S	A
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure		0.32	0.21	0.49	53	NC, SC, S	
	SDLS < 1 "	0.33	0.19	0.43	53	SC, S	
	SDLN < 1 "	0.32	0.19	0.43	53	NC, SC, S	
	GBG	0.32	0.19	0.43	53	NC, SC, S	
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.32	0.21	0.49	53	NC, SC, S	
	SDLS < 1 "	0.33	0.19	0.43	53	SC, S	
	SDLN < 1 "	0.32	0.19	0.43	53	NC, SC, S	
	GBG	0.32	0.19	0.43	53	NC, SC, S	
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure		0.29	0.32	0.54	55	N, NC	A
	SDLS < 1 "	0.29	0.28	0.48	56	N, NC, SC	A
	SDLN < 1 "	0.29	0.28	0.48	55	N, NC, SC	A
	GBG	0.29	0.28	0.48	55	N, NC, SC	A
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.29	0.32	0.54	55	N, NC	A
	SDLS < 1 "	0.29	0.28	0.48	56	N, NC, SC	A
	SDLN < 1 "	0.29	0.28	0.48	55	N, NC, SC	A
	GBG	0.29	0.28	0.48	55	N, NC, SC	A
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure		0.33	0.32	0.54	52		
	SDLS < 1 "	0.32	0.29	0.48	52	NC, SC	A
	SDLN < 1 "	0.33	0.29	0.48	52	SC	
	GBG	0.33	0.29	0.48	52	SC	
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.33	0.32	0.54	52		
	SDLS < 1 "	0.32	0.29	0.48	52	NC, SC	A
	SDLN < 1 "	0.33	0.29	0.48	52	SC	
	GBG	0.33	0.29	0.48	52	SC	
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.31	0.53	0.59	54	N	A, B, C
	SDLS < 1 "	0.30	0.46	0.53	55	N	A, B, C
	SDLN < 1 "	0.31	0.47	0.53	54	N	A, B
	GBG	0.31	0.47	0.53	54	N	A, B
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.34	0.53	0.59	51		A, B
	SDLS < 1 "	0.33	0.46	0.53	52		A, B
	SDLN < 1 "	0.34	0.47	0.53	51		A
	GBG	0.34	0.47	0.53	51		A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Double Hung – IZ3

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Arg Lami		0.32	0.21	0.48	52	NC, SC, S	
3.1 mm LoE 366 / 7.5mm argon / 6.9mm PVB	SDLN < 1 "	0.32	0.19	0.42	52	NC, SC, S	
11/16" IG LoE 272 Arg Lami		0.32	0.31	0.53	52	NC	A
3.1 mm LoE 272 / 7.5mm argon / 6.9mm PVB	SDLN < 1 "	0.32	0.28	0.47	52	NC, SC	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Double Hung – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.30	0.32	0.54	54	N, NC	A
	SDLN < 1 "	0.30	0.28	0.48	54	N, NC, SC	A
	SDLS < 1 "	0.30	0.28	0.48	54	N, NC, SC	A
	GBG	0.31	0.28	0.48	54	NC, SC	A
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.34	0.32	0.54	51		
	SDLS < 1 "	0.34	0.29	0.48	51	SC	
	SDLN < 1 "	0.34	0.29	0.48	51	SC	
	GBG	0.35	0.29	0.48	50	SC	
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure		0.34	0.32	0.54	51		
	SDLS < 1 "	0.34	0.29	0.48	51	SC	
	SDLN < 1 "	0.34	0.29	0.48	51	SC	
	GBG	0.35	0.29	0.48	50	SC	
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure		0.30	0.32	0.54	54	N, NC	A
	SDLS < 1 "	0.30	0.28	0.48	54	N, NC, SC	A
	SDLN < 1 "	0.30	0.28	0.48	54	N, NC, SC	A
	GBG	0.31	0.28	0.48	54	NC, SC	A
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.33	0.21	0.48	51	SC, S	
	SDLN < 1 "	0.33	0.19	0.43	51	SC, S	
	SDLS < 1 "	0.33	0.19	0.43	51	SC, S	
	GBG	0.34	0.19	0.43	51	SC, S	
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure		0.33	0.21	0.48	51	SC, S	
	SDLN < 1 "	0.33	0.19	0.43	51	SC, S	
	SDLS < 1 "	0.33	0.19	0.43	51	SC, S	
	GBG	0.34	0.19	0.43	51	SC, S	
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.29	0.21	0.48	54	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.19	0.43	54	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.19	0.43	54	N, NC, SC, S	A
	GBG	0.30	0.19	0.43	54	N, NC, SC, S	A
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure		0.29	0.21	0.48	54	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.19	0.43	54	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.19	0.43	54	N, NC, SC, S	A
	GBG	0.30	0.19	0.43	54	N, NC, SC, S	A
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.34	0.51	0.59	50		A, B
	SDLN < 1 "	0.34	0.46	0.53	50		A
	SDLS < 1 "	0.34	0.46	0.53	50		A
	GBG	0.35	0.46	0.53	50		A
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.30	0.52	0.59	53	N	A, B, C
	SDLS < 1 "	0.30	0.46	0.53	53	N	A, B, C
	SDLN < 1 "	0.30	0.46	0.53	53	N	A, B, C
	GBG	0.31	0.46	0.53	53	N	A, B
11/16" IG Obscure Air LoE 180 3.1 mm obscure / 9.8mm air / LoE 180 4.7mm		0.34	0.51	0.59	50		A, B
	SDLN < 1 "	0.34	0.46	0.53	50		A
	SDLS < 1 "	0.34	0.46	0.53	50		A
	GBG	0.35	0.46	0.53	50		A
11/16" IG Obscure Argon LoE 180 3.1 mm obscure / 9.8mm argon / LoE 180 4.7mm		0.30	0.52	0.59	53	N	A, B, C
	SDLS < 1 "	0.30	0.46	0.53	53	N	A, B, C
	SDLN < 1 "	0.30	0.46	0.53	53	N	A, B, C
	GBG	0.31	0.46	0.53	53	N	A, B

Integrity Windows and Doors NFRC Values

Wood–Ultrex Double Hung Transom/Picture– Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.33	0.54	0.62	53		A, B, C
	SDLS < 1 "	0.33	0.48	0.55	53		A, B
	SDLS > 1 "	0.33	0.43	0.49	53		A
	SDLN < 1 "	0.33	0.48	0.55	53		A, B
	SDLN > 1 "	0.33	0.43	0.49	53		A
	GBG	0.34	0.48	0.55	53		A, B
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.33	0.55	0.62	54		A, B
	SDLS > 1 "	0.32	0.43	0.49	55	N	A
	SDLS < 1 "	0.32	0.49	0.56	55	N	A, B
	SDLN < 1 "	0.33	0.49	0.55	54		A
	SDLN > 1 "	0.32	0.43	0.49	55	N	A
	GBG	0.33	0.49	0.55	54		A
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.29	0.54	0.62	57	N	A, B, C, D
	SDLS > 1 "	0.28	0.43	0.49	57	N	A, B, C
	SDLS < 1 "	0.29	0.48	0.55	57	N	A, B, C
	SDLN < 1 "	0.29	0.48	0.55	57	N	A, B, C
	SDLN > 1 "	0.28	0.43	0.49	57	N	A, B, C
	GBG	0.30	0.48	0.55	57	N	A, B, C
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.29	0.55	0.62	58	N	A, B, C
	SDLS > 1 "	0.28	0.44	0.49	59	N	A, B, C
	SDLS < 1 "	0.28	0.49	0.56	59	N	A, B, C
	SDLN > 1 "	0.28	0.44	0.49	59	N	A, B, C
	SDLN < 1 "	0.29	0.50	0.55	58	N	A, B, C
	GBG	0.29	0.50	0.55	58	N	A, B, C
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.32	0.33	0.56	53	NC	A
	SDLN < 1 "	0.32	0.30	0.50	53	NC, SC	A
	SDLS > 1 "	0.32	0.27	0.44	53	NC, SC, S	A
	SDLS < 1 "	0.32	0.30	0.50	53	NC, SC	A
	GBG	0.33	0.30	0.50	53	SC	
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.31	0.33	0.57	56	NC	A
	SDLS < 1 "	0.31	0.30	0.51	56	NC, SC	A
	SDLS > 1 "	0.31	0.27	0.45	56	NC, SC, S	A
	SDLN > 1 "	0.31	0.27	0.45	56	NC, SC, S	A
	SDLN < 1 "	0.31	0.30	0.51	56	NC, SC	A
	GBG	0.31	0.30	0.51	56	NC, SC	A
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr	SDLN > 1 "	0.32	0.27	0.44	53	NC, SC, S	A
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.28	0.33	0.56	57	N, NC	A, B
	SDLS < 1 "	0.28	0.30	0.50	57	N, NC, SC	A, B
	SDLS > 1 "	0.28	0.27	0.44	57	N, NC, SC, S	A, B
	SDLN < 1 "	0.28	0.30	0.50	57	N, NC, SC	A, B
	SDLN > 1 "	0.28	0.27	0.44	57	N, NC, SC, S	A, B
	GBG	0.29	0.30	0.50	57	N, NC, SC	A
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.27	0.33	0.57	59	N, NC	A, B
	SDLS < 1 "	0.27	0.30	0.51	59	N, NC, SC	A, B
	SDLS > 1 "	0.27	0.27	0.45	59	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.30	0.51	59	N, NC, SC	A, B
	SDLN > 1 "	0.27	0.27	0.45	59	N, NC, SC, S	A, B
	GBG	0.27	0.30	0.51	59	N, NC, SC	A, B
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr	SDLN > 1 "	0.32	0.18	0.40	54	NC, SC, S	
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.30	0.22	0.51	56	N, NC, SC, S	
	SDLS < 1 "	0.31	0.20	0.45	56	NC, SC, S	
	SDLS > 1 "	0.30	0.18	0.40	56	N, NC, SC, S	
	SDLN > 1 "	0.30	0.18	0.40	56	N, NC, SC, S	
	SDLN < 1 "	0.30	0.20	0.45	56	N, NC, SC, S	
	GBG	0.30	0.20	0.45	56	N, NC, SC, S	
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.32	0.22	0.51	54	NC, SC, S	
	SDLN < 1 "	0.32	0.20	0.45	54	NC, SC, S	
	SDLS > 1 "	0.32	0.18	0.40	54	NC, SC, S	
	SDLS < 1 "	0.32	0.20	0.45	54	NC, SC, S	
	GBG	0.33	0.20	0.45	54	SC, S	

Integrity Windows and Doors NFRC Values

Wood–Ultrex Double Hung Transom/Picture– Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.27	0.22	0.51	60	N, NC, SC, S	A
	SDLS > 1 "	0.26	0.18	0.40	60	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.20	0.45	60	N, NC, SC, S	A
	SDLN > 1 "	0.26	0.18	0.40	60	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.20	0.45	60	N, NC, SC, S	A
	GBG	0.27	0.20	0.45	60	N, NC, SC, S	A
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.27	0.22	0.51	58	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.18	0.40	58	N, NC, SC, S	A
	SDLS < 1 "	0.27	0.20	0.45	58	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.18	0.40	58	N, NC, SC, S	A
	SDLN < 1 "	0.27	0.20	0.45	58	N, NC, SC, S	A, B
	GBG	0.28	0.20	0.45	58	N, NC, SC, S	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Double Hung Transom/Picture – IZ3

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Arg Lami 3.1 mm LoE 272 / 7.5mm argon / 6.9mm PVB laminate		0.30	0.33	0.55	56	N, NC	A
	SDLN > 1 "	0.31	0.27	0.44	56	NC, SC, S	
11/16" IG LoE 272 Argon Lami 3.9mm LoE 272 / 7.0mm argon / 6.9mm SGP laminate		0.31	0.33	0.55	55	NC	A
	SDLN < 1 "	0.31	0.29	0.49	55	NC, SC	A
	SDLN > 1 "	0.33	0.26	0.44	55	SC, S	
11/16" IG LoE 366 Arg Lami 3.1 mm LoE 366 / 7.5mm argon / 6.9mm PVB laminate		0.30	0.22	0.50	56	N, NC, SC, S	
	SDLN < 1 "	0.30	0.20	0.44	56	N, NC, SC, S	
	SDLN > 1 "	0.31	0.18	0.39	56	NC, SC, S	
11/16" IG LoE 366 Argon Lami 3.9mm LoE 366 / 7.0mm argon / 6.9mm SGP laminate		0.31	0.22	0.50	55	NC, SC, S	
	SDLN < 1 "	0.31	0.20	0.44	55	NC, SC, S	
	SDLN > 1 "	0.31	0.18	0.39	55	NC, SC, S	

Integrity Windows and Doors NFRC Values

Wood–Ultrex Double Hung Transom/Picture – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.33	0.54	0.62	53		A, B, C
	SDLN > 1 "	0.33	0.43	0.49	53		A
	SDLN < 1 "	0.33	0.48	0.55	53		A, B
	SDLS > 1 "	0.33	0.43	0.49	53		A
	SDLS < 1 "	0.33	0.48	0.55	53		A, B
	GBG	0.34	0.48	0.55	53		A, B
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.29	0.54	0.62	57	N	A, B, C, D
	SDLN > 1 "	0.28	0.43	0.49	57	N	A, B, C
	SDLN < 1 "	0.29	0.48	0.55	57	N	A, B, C
	SDLS > 1 "	0.28	0.43	0.49	57	N	A, B, C
	SDLS < 1 "	0.29	0.48	0.55	57	N	A, B, C
	GBG	0.30	0.48	0.55	57	N	A, B, C
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.32	0.33	0.56	53	NC	A
	SDLN > 1 "	0.32	0.27	0.44	53	NC, SC, S	A
	SDLN < 1 "	0.32	0.30	0.50	53	NC, SC	A
	SDLS < 1 "	0.32	0.30	0.50	53	NC, SC	A
	SDLS > 1 "	0.32	0.27	0.44	53	NC, SC, S	A
	GBG	0.33	0.30	0.50	53	SC	
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure		0.32	0.33	0.56	53	NC	A
	SDLN > 1 "	0.32	0.27	0.44	53	NC, SC, S	A
	SDLN < 1 "	0.32	0.30	0.50	53	NC, SC	A
	SDLS < 1 "	0.32	0.30	0.50	53	NC, SC	A
	SDLS > 1 "	0.32	0.27	0.44	53	NC, SC, S	A
	GBG	0.33	0.30	0.50	53	SC	
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.28	0.33	0.56	57	N, NC	A, B
	SDLS < 1 "	0.28	0.30	0.50	57	N, NC, SC	A, B
	SDLS > 1 "	0.28	0.27	0.44	57	N, NC, SC, S	A, B
	SDLN < 1 "	0.28	0.30	0.50	57	N, NC, SC	A, B
	SDLN > 1 "	0.28	0.27	0.44	57	N, NC, SC, S	A, B
	GBG	0.29	0.30	0.50	57	N, NC, SC	A
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure		0.28	0.33	0.56	57	N, NC	A, B
	SDLN > 1 "	0.28	0.27	0.44	57	N, NC, SC, S	A, B
	SDLN < 1 "	0.28	0.30	0.50	57	N, NC, SC	A, B
	SDLS > 1 "	0.28	0.27	0.44	57	N, NC, SC, S	A, B
	SDLS < 1 "	0.28	0.30	0.50	57	N, NC, SC	A, B
	GBG	0.29	0.30	0.50	57	N, NC, SC	A
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.32	0.22	0.51	54	NC, SC, S	
	SDLN > 1 "	0.32	0.18	0.40	54	NC, SC, S	
	SDLN < 1 "	0.32	0.20	0.45	54	NC, SC, S	
	SDLS > 1 "	0.32	0.18	0.40	54	NC, SC, S	
	SDLS < 1 "	0.32	0.20	0.45	54	NC, SC, S	
	GBG	0.33	0.20	0.45	54	SC, S	
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure		0.32	0.22	0.51	54	NC, SC, S	
	SDLN < 1 "	0.32	0.20	0.45	54	NC, SC, S	
	SDLN > 1 "	0.32	0.18	0.40	54	NC, SC, S	
	SDLS < 1 "	0.32	0.20	0.45	54	NC, SC, S	
	SDLS > 1 "	0.32	0.18	0.40	54	NC, SC, S	
	GBG	0.33	0.20	0.45	54	SC, S	
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.27	0.22	0.51	58	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.20	0.45	58	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.18	0.40	58	N, NC, SC, S	A
	SDLS < 1 "	0.27	0.20	0.45	58	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.18	0.40	58	N, NC, SC, S	A
	GBG	0.28	0.20	0.45	58	N, NC, SC, S	A
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure		0.27	0.22	0.51	58	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.18	0.40	58	N, NC, SC, S	A
	SDLN < 1 "	0.27	0.20	0.45	58	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.18	0.40	58	N, NC, SC, S	A
	SDLS < 1 "	0.27	0.20	0.45	58	N, NC, SC, S	A, B
	GBG	0.28	0.20	0.45	58	N, NC, SC, S	A
11/16" IG Obscure Air LoE 180 3.1 mm obscure / 9.8mm air / LoE 180 4.7mm		0.33	0.54	0.62	53		A, B, C
	SDLN > 1 "	0.33	0.43	0.49	53		A
	SDLN < 1 "	0.33	0.48	0.55	53		A, B
	SDLS > 1 "	0.33	0.43	0.49	53		A
	SDLS < 1 "	0.33	0.48	0.55	53		A, B
	GBG	0.34	0.48	0.55	53		A, B

Wood–Ultrex Double Hung Transom/Picture – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Air 4.7mm LoE 366 / 8.0mm air / 4.7mm clr		0.35	0.23	0.50	51	SC, S	
	SDLN < 1 "	0.35	0.21	0.45	51	SC, S	
	SDLS < 1 "	0.36	0.21	0.45	51	S	
	GBG	0.36	0.21	0.45	51	S	
11/16" IG LoE 366 Air Obscure 4.7mm LoE 366 / 8.0mm air / 4.7mm obscure		0.35	0.23	0.50	51	SC, S	
	SDLN < 1 "	0.35	0.21	0.45	51	SC, S	
	SDLS < 1 "	0.36	0.21	0.45	51	S	
	GBG	0.36	0.21	0.45	51	S	
11/16" IG LoE 366 Argon 4.7mm LoE 366 / 8.0mm argon / 4.7mm clr		0.29	0.22	0.50	56	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.20	0.45	56	N, NC, SC, S	
	SDLS < 1 "	0.30	0.20	0.45	56	N, NC, SC, S	
	GBG	0.31	0.20	0.45	56	NC, SC, S	
11/16" IG LoE 366 Argon Obscure 4.7mm LoE 366 / 8.0mm argon / 4.7mm obscure		0.29	0.22	0.50	56	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.20	0.45	56	N, NC, SC, S	
	SDLN < 1 "	0.29	0.20	0.45	56	N, NC, SC, S	
	GBG	0.31	0.20	0.45	56	NC, SC, S	
11/16" IG Air LoE 180 4.7mm clr / 8.0mm air / LoE 180 4.7mm		0.37	0.52	0.61	50		
	SDLS < 1 "	0.36	0.46	0.55	51		
	SDLN < 1 "	0.37	0.47	0.55	50		
	GBG	0.38	0.47	0.55	50		
11/16" IG Argon LoE 180 4.7mm clr / 8.0mm argon / LoE 180 4.7mm		0.32	0.53	0.61	54	N	A, B
	SDLS < 1 "	0.31	0.47	0.55	55	N	A, B
	SDLN < 1 "	0.32	0.47	0.55	54	N	A
	GBG	0.33	0.47	0.55	54		A
11/16" IG Obscure Air LoE 180 4.7mm obscure / 8.0mm air / LoE 180 4.7mm	SDLS < 1 "	0.36	0.46	0.55	51		
11/16" IG Obscure Argon LoE 180 4.7mm obscure / 8.0mm argon / LoE 180 4.7mm	SDLS < 1 "	0.31	0.47	0.55	55	N	A, B

Integrity Windows and Doors NFRC Values

Wood–Ultrex Glider – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.34	0.51	0.59	51		A, B
	SDLN > 1 "	0.34	0.41	0.46	51		A
	SDLN < 1 "	0.34	0.46	0.53	51		A
	SDLS > 1 "	0.34	0.41	0.46	51		A
	SDLS < 1 "	0.34	0.46	0.53	51		A
	GBG	0.35	0.46	0.53	51		A
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.34	0.53	0.59	52		A, B
	SDLN > 1 "	0.33	0.41	0.47	53		A
	SDLN < 1 "	0.34	0.47	0.53	52		A
	SDLS > 1 "	0.33	0.41	0.47	53		A
	SDLS < 1 "	0.33	0.46	0.53	53		A, B
	GBG	0.34	0.47	0.53	52		A
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.30	0.52	0.59	54	N	A, B, C
	SDLN > 1 "	0.30	0.41	0.46	54	N	A, B
	SDLN < 1 "	0.30	0.46	0.53	54	N	A, B, C
	SDLS > 1 "	0.30	0.41	0.46	54	N	A, B
	SDLS < 1 "	0.30	0.46	0.53	54	N	A, B, C
	GBG	0.31	0.46	0.53	54	N	A, B
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.31	0.53	0.59	55	N	A, B, C
	SDLN > 1 "	0.29	0.41	0.47	56	N	A, B
	SDLN < 1 "	0.31	0.47	0.53	55	N	A, B
	SDLS > 1 "	0.29	0.41	0.47	56	N	A, B
	SDLS < 1 "	0.29	0.46	0.53	56	N	A, B, C
	GBG	0.31	0.47	0.53	55	N	A, B
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.32	0.32	0.54	53	NC	A
	SDLS < 1 "	0.32	0.29	0.48	53	NC, SC	A
	SDLS > 1 "	0.32	0.26	0.43	53	NC, SC, S	A
	SDLN < 1 "	0.32	0.29	0.48	53	NC, SC	A
	SDLN > 1 "	0.32	0.26	0.43	53	NC, SC, S	A
	GBG	0.32	0.29	0.48	53	NC, SC	A
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.34	0.32	0.54	51		
	SDLS < 1 "	0.34	0.29	0.48	51	SC	
	SDLS > 1 "	0.34	0.26	0.42	51	SC, S	
	SDLN < 1 "	0.34	0.29	0.48	51	SC	
	SDLN > 1 "	0.34	0.26	0.42	51	SC, S	
	GBG	0.35	0.29	0.48	51	SC	
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.29	0.31	0.54	57	N, NC	A
	SDLS < 1 "	0.29	0.28	0.48	57	N, NC, SC	A
	SDLS > 1 "	0.29	0.25	0.43	57	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.28	0.48	57	N, NC, SC	A
	SDLN > 1 "	0.29	0.25	0.43	57	N, NC, SC, S	A
	GBG	0.29	0.28	0.48	57	N, NC, SC	A
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.29	0.32	0.54	55	N, NC	A
	SDLS < 1 "	0.29	0.28	0.48	55	N, NC, SC	A
	SDLS > 1 "	0.29	0.25	0.42	55	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.28	0.48	55	N, NC, SC	A
	SDLN > 1 "	0.29	0.25	0.42	55	N, NC, SC, S	A
	GBG	0.30	0.28	0.48	55	N, NC, SC	A
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.33	0.21	0.48	52	SC, S	
	SDLS < 1 "	0.33	0.19	0.43	52	SC, S	
	SDLS > 1 "	0.33	0.17	0.38	52	SC, S	
	SDLN < 1 "	0.33	0.19	0.43	52	SC, S	
	SDLN > 1 "	0.33	0.17	0.38	52	SC, S	
	GBG	0.34	0.19	0.43	52	SC, S	
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.32	0.21	0.49	54	NC, SC, S	
	SDLS < 1 "	0.33	0.19	0.43	54	SC, S	
	SDLS > 1 "	0.32	0.17	0.38	54	NC, SC, S	
	SDLN < 1 "	0.32	0.19	0.43	54	NC, SC, S	
	SDLN > 1 "	0.32	0.17	0.38	54	NC, SC, S	
	GBG	0.32	0.19	0.43	54	NC, SC, S	

Integrity Windows and Doors NFRC Values

Wood–Ultrex Glider – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.29	0.21	0.48	55	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.19	0.43	55	N, NC, SC, S	A
	SDLS > 1 "	0.29	0.17	0.38	55	N, NC, SC, S	A
	SDLN > 1 "	0.29	0.17	0.38	55	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.19	0.43	55	N, NC, SC, S	A
	GBG	0.30	0.19	0.43	55	N, NC, SC, S	A
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.28	0.21	0.49	57	N, NC, SC, S	A
	SDLS > 1 "	0.28	0.17	0.38	57	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.19	0.43	57	N, NC, SC, S	
	SDLN < 1 "	0.28	0.19	0.43	57	N, NC, SC, S	A
	SDLN > 1 "	0.28	0.17	0.38	57	N, NC, SC, S	A
	GBG	0.28	0.19	0.43	57	N, NC, SC, S	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Glider – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180 3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.34	0.51	0.59	51		A, B
	SDLN > 1 "	0.34	0.41	0.46	51		A
	SDLN < 1 "	0.34	0.46	0.53	51		A
	SDLS > 1 "	0.34	0.41	0.46	51		A
	SDLS < 1 "	0.34	0.46	0.53	51		A
	GBG	0.35	0.46	0.53	51		A
11/16" IG Argon LoE 180 3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.30	0.52	0.59	54	N	A, B, C
	SDLN > 1 "	0.30	0.41	0.46	54	N	A, B
	SDLN < 1 "	0.30	0.46	0.53	54	N	A, B, C
	SDLS > 1 "	0.30	0.41	0.46	54	N	A, B
	SDLS < 1 "	0.30	0.46	0.53	54	N	A, B, C
	GBG	0.31	0.46	0.53	54	N	A, B
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.34	0.32	0.54	51		
	SDLN > 1 "	0.34	0.26	0.42	51	SC, S	
	SDLN < 1 "	0.34	0.29	0.48	51	SC	
	SDLS > 1 "	0.34	0.26	0.42	51	SC, S	
	SDLS < 1 "	0.34	0.29	0.48	51	SC	
	GBG	0.35	0.29	0.48	51	SC	
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure		0.34	0.32	0.54	51		
	SDLN > 1 "	0.34	0.26	0.42	51	SC, S	
	SDLN < 1 "	0.34	0.29	0.48	51	SC	
	SDLS > 1 "	0.34	0.26	0.42	51	SC, S	
	SDLS < 1 "	0.34	0.29	0.48	51	SC	
	GBG	0.35	0.29	0.48	51	SC	
11/16" IG LoE 272 Argon 3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.29	0.32	0.54	55	N, NC	A
	SDLN < 1 "	0.29	0.28	0.48	55	N, NC, SC	A
	SDLN > 1 "	0.29	0.25	0.42	55	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.28	0.48	55	N, NC, SC	A
	SDLS > 1 "	0.29	0.25	0.42	55	N, NC, SC, S	A
	GBG	0.30	0.28	0.48	55	N, NC, SC	A
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure		0.29	0.32	0.54	55	N, NC	A
	SDLN > 1 "	0.29	0.25	0.42	55	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.28	0.48	55	N, NC, SC	A
	SDLS > 1 "	0.29	0.25	0.42	55	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.28	0.48	55	N, NC, SC	A
	GBG	0.30	0.28	0.48	55	N, NC, SC	A
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.33	0.21	0.48	52	SC, S	
	SDLN > 1 "	0.33	0.17	0.38	52	SC, S	
	SDLN < 1 "	0.33	0.19	0.43	52	SC, S	
	SDLS > 1 "	0.33	0.17	0.38	52	SC, S	
	SDLS < 1 "	0.33	0.19	0.43	52	SC, S	
	GBG	0.34	0.19	0.43	52	SC, S	
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure		0.33	0.21	0.48	52	SC, S	
	SDLN > 1 "	0.33	0.17	0.38	52	SC, S	
	SDLN < 1 "	0.33	0.19	0.43	52	SC, S	
	SDLS > 1 "	0.33	0.17	0.38	52	SC, S	
	SDLS < 1 "	0.33	0.19	0.43	52	SC, S	
	GBG	0.34	0.19	0.43	52	SC, S	
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.29	0.21	0.48	55	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.19	0.43	55	N, NC, SC, S	A
	SDLS > 1 "	0.29	0.17	0.38	55	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.19	0.43	55	N, NC, SC, S	A
	SDLN > 1 "	0.29	0.17	0.38	55	N, NC, SC, S	A
	GBG	0.30	0.19	0.43	55	N, NC, SC, S	A
11/16" IG Obscure Air LoE 180 3.1 mm obscure / 9.8mm air / LoE 180 4.7mm		0.34	0.51	0.59	51		A, B
	SDLS < 1 "	0.34	0.46	0.53	51		A
	SDLS > 1 "	0.34	0.41	0.46	51		A
	SDLN > 1 "	0.34	0.41	0.46	51		A
	SDLN < 1 "	0.34	0.46	0.53	51		A
	GBG	0.35	0.46	0.53	51		A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Round Top – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Obscure Argon LoE 180 3.1 mm obscure / 11.5mm argon / LoE 180 3.1 mm		0.29	0.60	0.69	54	N	A, B, C, D
	SDLS < 1 "	0.29	0.54	0.62	54	N	A, B, C, D
	SDLN < 1 "	0.29	0.54	0.62	54	N	A, B, C, D
	GBG	0.29	0.54	0.62	54	N	A, B, C, D
11/16" IG Obscure Air LoE 180 3.1 mm obscure / 11.5mm air / LoE 180 3.1 mm		0.32	0.59	0.69	54	N	A, B, C, D
	SDLS < 1 "	0.32	0.54	0.62	54	N	A, B, C
	SDLN < 1 "	0.32	0.54	0.62	54	N	A, B, C
	GBG	0.32	0.54	0.62	54	N	A, B, C
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure		0.27	0.24	0.56	55	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.22	0.50	55	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.22	0.50	55	N, NC, SC, S	A, B
	GBG	0.27	0.22	0.50	55	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.27	0.24	0.56	55	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.22	0.50	55	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.22	0.50	55	N, NC, SC, S	A, B
	GBG	0.27	0.22	0.50	55	N, NC, SC, S	A, B
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure		0.31	0.24	0.56	55	NC, SC, S	A
	SDLS < 1 "	0.31	0.22	0.50	55	NC, SC, S	A
	SDLN < 1 "	0.31	0.22	0.50	55	NC, SC, S	A
	GBG	0.31	0.22	0.50	55	NC, SC, S	A
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.31	0.24	0.56	55	NC, SC, S	A
	SDLS < 1 "	0.31	0.22	0.50	55	NC, SC, S	A
	SDLN < 1 "	0.31	0.22	0.50	55	NC, SC, S	A
	GBG	0.31	0.22	0.50	55	NC, SC, S	A
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure		0.28	0.36	0.62	55	N, NC	A, B
	SDLS < 1 "	0.28	0.33	0.56	55	N, NC	A, B
	SDLN < 1 "	0.28	0.33	0.56	55	N, NC	A, B
	GBG	0.28	0.33	0.56	55	N, NC	A, B
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.28	0.36	0.62	55	N, NC	A, B
	SDLS < 1 "	0.28	0.33	0.56	55	N, NC	A, B
	SDLN < 1 "	0.28	0.33	0.56	55	N, NC	A, B
	GBG	0.28	0.33	0.56	55	N, NC	A, B
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure		0.31	0.36	0.62	54	N, NC	A
	SDLS < 1 "	0.32	0.33	0.56	51	NC	A
	SDLN < 1 "	0.32	0.33	0.56	51	NC	A
	GBG	0.32	0.33	0.56	51	NC	A
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.32	0.36	0.62	51	NC	A
	SDLS < 1 "	0.32	0.33	0.56	51	NC	A
	SDLN < 1 "	0.32	0.33	0.56	51	NC	A
	GBG	0.31	0.33	0.56	54	NC	A
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.29	0.60	0.69	54	N	A, B, C, D
	SDLS < 1 "	0.29	0.54	0.62	54	N	A, B, C, D
	SDLN < 1 "	0.29	0.54	0.62	54	N	A, B, C, D
	GBG	0.29	0.54	0.62	54	N	A, B, C, D
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.33	0.59	0.69	51		A, B, C
	SDLS < 1 "	0.33	0.54	0.62	51		A, B, C
	SDLN < 1 "	0.33	0.54	0.62	51		A, B, C
	GBG	0.33	0.54	0.62	51		A, B, C

Integrity Windows and Doors NFRC Values

Wood–Ultrex Double Hung Round Top – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Obscure Argon LoE 180 3.1 mm obscure / 11.5mm argon / LoE 180 3.1 mm		0.29	0.61	0.70	54	N	A, B, C, D
	SDLS < 1 "	0.29	0.55	0.63	54	N	A, B, C, D
	SDLN < 1 "	0.29	0.55	0.63	54	N	A, B, C, D
	GBG	0.29	0.55	0.63	54	N	A, B, C, D
11/16" IG Obscure Air LoE 180 3.1 mm obscure / 11.5mm air / LoE 180 3.1 mm		0.32	0.60	0.70	54	N	A, B, C, D
	SDLS < 1 "	0.32	0.55	0.63	54	N	A, B, C
	SDLN < 1 "	0.32	0.55	0.63	54	N	A, B, C
	GBG	0.32	0.55	0.63	54	N	A, B, C
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure		0.27	0.24	0.57	55	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.22	0.51	55	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.22	0.51	55	N, NC, SC, S	A, B
	GBG	0.27	0.22	0.51	55	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.27	0.24	0.57	55	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.22	0.51	55	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.22	0.51	55	N, NC, SC, S	A, B
	GBG	0.27	0.22	0.51	55	N, NC, SC, S	A, B
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure		0.32	0.25	0.57	52	NC, SC, S	A
	SDLS < 1 "	0.32	0.23	0.51	52	NC, SC, S	A
	SDLN < 1 "	0.32	0.23	0.51	52	NC, SC, S	A
	GBG	0.32	0.23	0.51	52	NC, SC, S	A
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.32	0.25	0.57	52	NC, SC, S	A
	SDLS < 1 "	0.32	0.23	0.51	52	NC, SC, S	A
	SDLN < 1 "	0.32	0.23	0.51	52	NC, SC, S	A
	GBG	0.32	0.23	0.51	52	NC, SC, S	A
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure		0.28	0.37	0.64	55	N, NC	A, B
	SDLS < 1 "	0.28	0.33	0.57	55	N, NC	A, B
	SDLN < 1 "	0.28	0.33	0.57	55	N, NC	A, B
	GBG	0.28	0.33	0.57	55	N, NC	A, B
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.28	0.37	0.64	55	N, NC	A, B
	SDLS < 1 "	0.28	0.33	0.57	55	N, NC	A, B
	SDLN < 1 "	0.28	0.33	0.57	55	N, NC	A, B
	GBG	0.28	0.33	0.57	55	N, NC	A, B
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure		0.32	0.37	0.64	51	NC	A
	SDLS < 1 "	0.32	0.34	0.57	51	NC	A
	SDLN < 1 "	0.32	0.34	0.57	51	NC	A
	GBG	0.32	0.34	0.57	51	NC	A
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.32	0.37	0.64	51	NC	A
	SDLS < 1 "	0.32	0.34	0.57	51	NC	A
	SDLN < 1 "	0.32	0.34	0.57	51	NC	A
	GBG	0.32	0.34	0.57	51	NC	A
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.29	0.61	0.70	54	N	A, B, C, D
	SDLS < 1 "	0.29	0.55	0.63	54	N	A, B, C, D
	SDLN < 1 "	0.29	0.55	0.63	54	N	A, B, C, D
	GBG	0.29	0.55	0.63	54	N	A, B, C, D
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.33	0.60	0.70	51		A, B, C, D
	SDLS < 1 "	0.33	0.55	0.63	51		A, B, C
	SDLN < 1 "	0.33	0.55	0.63	51		A, B, C
	GBG	0.33	0.55	0.63	51		A, B, C

Integrity Windows and Doors NFRC Values

Wood–Ultrex Casement Round Top by Marvin – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG Obscure Argon LoE 180 3.1 mm obscure / 13.0mm argon / LoE 180 3.1 mm	SDLS < 1 "	0.29	0.56	0.64	53	N	A, B, C, D
3/4" IG Obscure Air LoE 180 3.1 mm obscure / 13.0mm air / LoE 180 3.1 mm	SDLS < 1 "	0.33	0.56	0.64	50		A, B, C
3/4" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm obscure		0.28	0.25	0.58	54	N, NC, SC, S	A, B
	SDLS < 1 "	0.29	0.22	0.52	54	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.22	0.52	54	N, NC, SC, S	A, B
	GBG	0.28	0.22	0.52	54	N, NC, SC, S	A, B
3/4" IG LoE 366 Argon 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm clr		0.28	0.25	0.58	54	N, NC, SC, S	A, B
	SDLS < 1 "	0.29	0.22	0.52	54	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.22	0.52	54	N, NC, SC, S	A, B
	GBG	0.28	0.22	0.52	54	N, NC, SC, S	A, B
3/4" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 13.0mm air / 3.1 mm obscure		0.32	0.25	0.58	51	NC, SC, S	A
	SDLS < 1 "	0.33	0.23	0.52	51	SC, S	
	SDLN < 1 "	0.32	0.23	0.52	51	NC, SC, S	A
	GBG	0.32	0.23	0.52	51	NC, SC, S	A
3/4" IG LoE 366 Air 3.1 mm LoE 366 / 13.0mm air / 3.1 mm clr		0.32	0.25	0.58	51	NC, SC, S	A
	SDLS < 1 "	0.33	0.23	0.52	51	SC, S	
	SDLN < 1 "	0.32	0.23	0.52	51	NC, SC, S	A
	GBG	0.32	0.23	0.52	51	NC, SC, S	A
3/4" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm obscure		0.29	0.37	0.65	53	N, NC	A, B
	SDLS < 1 "	0.28	0.34	0.58	53	N, NC	A, B
	SDLN < 1 "	0.29	0.34	0.58	53	N, NC	A
	GBG	0.29	0.34	0.58	53	N, NC	A
3/4" IG LoE 272 Argon 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm clr		0.29	0.37	0.65	53	N, NC	A, B
	SDLS < 1 "	0.28	0.34	0.58	53	N, NC	A, B
	SDLN < 1 "	0.29	0.34	0.58	53	N, NC	A
	GBG	0.29	0.34	0.58	53	N, NC	A
3/4" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 13.0mm air / 3.1 mm obscure		0.33	0.37	0.65	50		
	SDLS < 1 "	0.32	0.34	0.58	50	NC	A
	SDLN < 1 "	0.33	0.34	0.58	50		
	GBG	0.33	0.34	0.58	50		
3/4" IG LoE 272 Air 3.1 mm LoE 272 / 13.0mm air / 3.1 mm clr		0.33	0.37	0.65	50		
	SDLS < 1 "	0.32	0.34	0.58	50	NC	A
	SDLN < 1 "	0.33	0.34	0.58	50		
	GBG	0.33	0.34	0.58	50		
3/4" IG Argon LoE 180 3.1 mm clr / 13.0mm argon / LoE 180 3.1 mm		0.31	0.63	0.71	52	N	A, B, C, D
	SDLS < 1 "	0.29	0.56	0.64	53	N	A, B, C, D
	SDLN < 1 "	0.31	0.57	0.64	52	N	A, B, C, D
	GBG	0.31	0.57	0.64	52	N	A, B, C, D
3/4" IG Air LoE 180 3.1 mm clr / 13.0mm air / LoE 180 3.1 mm		0.34	0.62	0.71	49		A, B, C
	SDLS < 1 "	0.33	0.56	0.64	50		A, B, C
	SDLN < 1 "	0.34	0.56	0.64	49		A, B, C
	GBG	0.34	0.56	0.64	49		A, B, C

Integrity Windows and Doors NFRC Values

Wood–Ultrex Double Hung Round Top by Marvin– Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG Obscure Argon LoE 180 3.1 mm obscure / 13.0mm argon / LoE 180 3.1 mm	SDLS < 1 "	0.29	0.53	0.61	54	N	A, B, C, D
3/4" IG Obscure Air LoE 180 3.1 mm obscure / 13.0mm air / LoE 180 3.1 mm	SDLS < 1 "	0.33	0.53	0.61	51		A, B, C
3/4" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm obscure		0.28	0.23	0.55	54	N, NC, SC, S	A, B
	SDLS < 1 "	0.29	0.21	0.50	54	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.21	0.50	54	N, NC, SC, S	A, B
	GBG	0.28	0.21	0.50	54	N, NC, SC, S	A, B
3/4" IG LoE 366 Argon 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm clr		0.28	0.23	0.55	54	N, NC, SC, S	A, B
	SDLS < 1 "	0.29	0.21	0.50	54	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.21	0.50	54	N, NC, SC, S	A, B
	GBG	0.28	0.21	0.50	54	N, NC, SC, S	A, B
3/4" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 13.0mm air / 3.1 mm obscure		0.32	0.24	0.55	51	NC, SC, S	A
	SDLS < 1 "	0.33	0.22	0.50	51	SC, S	
	SDLN < 1 "	0.32	0.22	0.50	51	NC, SC, S	A
	GBG	0.32	0.22	0.50	51	NC, SC, S	A
3/4" IG LoE 366 Air 3.1 mm LoE 366 / 13.0mm air / 3.1 mm clr		0.32	0.24	0.55	51	NC, SC, S	A
	SDLS < 1 "	0.33	0.22	0.50	51	SC, S	
	SDLN < 1 "	0.32	0.22	0.50	51	NC, SC, S	A
	GBG	0.32	0.22	0.50	51	NC, SC, S	A
3/4" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm obscure		0.28	0.36	0.61	54	N, NC	A, B
	SDLS < 1 "	0.28	0.32	0.55	54	N, NC	A, B
	SDLN < 1 "	0.28	0.32	0.55	54	N, NC	A, B
	GBG	0.28	0.32	0.55	54	N, NC	A, B
3/4" IG LoE 272 Argon 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm clr		0.28	0.36	0.61	54	N, NC	A, B
	SDLS < 1 "	0.28	0.32	0.55	54	N, NC	A, B
	SDLN < 1 "	0.28	0.32	0.55	54	N, NC	A, B
	GBG	0.28	0.32	0.55	54	N, NC	A, B
3/4" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 13.0mm air / 3.1 mm obscure		0.32	0.36	0.61	51	NC	A
	SDLS < 1 "	0.32	0.32	0.55	51	NC	A
	SDLN < 1 "	0.32	0.32	0.55	51	NC	A
	GBG	0.32	0.32	0.55	51	NC	A
3/4" IG LoE 272 Air 3.1 mm LoE 272 / 13.0mm air / 3.1 mm clr		0.32	0.36	0.61	51	NC	A
	SDLS < 1 "	0.32	0.32	0.55	51	NC	A
	SDLN < 1 "	0.32	0.32	0.55	51	NC	A
	GBG	0.32	0.32	0.55	51	NC	A
3/4" IG Argon LoE 180 3.1 mm clr / 13.0mm argon / LoE 180 3.1 mm		0.31	0.60	0.67	53	N	A, B, C, D
	SDLS < 1 "	0.29	0.53	0.61	54	N	A, B, C, D
	SDLN < 1 "	0.31	0.54	0.60	53	N	A, B, C
	GBG	0.31	0.54	0.60	53	N	A, B, C
3/4" IG Air LoE 180 3.1 mm clr / 13.0mm air / LoE 180 3.1 mm		0.34	0.60	0.67	50		A, B, C
	SDLS < 1 "	0.33	0.53	0.61	51		A, B, C
	SDLN < 1 "	0.34	0.54	0.60	50		A, B, C
	GBG	0.34	0.54	0.60	50		A, B, C

Integrity Windows and Doors NFRC Values

Wood–Ultrex Direct Glaze Polygon – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.32	0.58	0.67	55	N	A, B, C, D
	SDLN > 1 "	0.32	0.46	0.53	55	N	A, B
	SDLN < 1 "	0.32	0.52	0.60	55	N	A, B, C
	SDLS > 1 "	0.32	0.46	0.53	55	N	A, B
	SDLS < 1 "	0.32	0.52	0.60	55	N	A, B, C
	GBG	0.32	0.52	0.60	55	N	A, B, C
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.28	0.58	0.67	59	N	A, B, C, D
	SDLN > 1 "	0.28	0.47	0.53	59	N	A, B, C
	SDLN < 1 "	0.28	0.52	0.60	59	N	A, B, C, D
	SDLS > 1 "	0.28	0.47	0.53	59	N	A, B, C
	SDLS < 1 "	0.28	0.52	0.60	59	N	A, B, C, D
	GBG	0.28	0.52	0.60	59	N	A, B, C, D
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.31	0.35	0.60	55	N, NC	A
	SDLS < 1 "	0.32	0.32	0.54	53	NC	A
	SDLS > 1 "	0.32	0.29	0.48	53	NC, SC	A
	SDLN < 1 "	0.32	0.32	0.54	53	NC	A
	SDLN > 1 "	0.32	0.29	0.48	53	NC, SC	A
	GBG	0.32	0.32	0.54	53	NC	A
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure		0.32	0.35	0.60	53	NC	A
	SDLS < 1 "	0.32	0.32	0.54	53	NC	A
	SDLS > 1 "	0.32	0.29	0.48	53	NC, SC	A
	SDLN < 1 "	0.32	0.32	0.54	53	NC	A
	SDLN > 1 "	0.32	0.29	0.48	53	NC, SC	A
	GBG	0.32	0.32	0.54	53	NC	A
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.28	0.35	0.60	56	N, NC	A, B
	SDLN > 1 "	0.28	0.29	0.48	56	N, NC, SC	A, B
	SDLS < 1 "	0.28	0.32	0.54	56	N, NC	A, B
	SDLS > 1 "	0.28	0.29	0.48	56	N, NC, SC	A, B
	SDLN < 1 "	0.28	0.32	0.54	56	N, NC	A, B
	GBG	0.28	0.32	0.54	56	N, NC	A, B
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure		0.28	0.35	0.60	56	N, NC	A, B
	SDLS < 1 "	0.28	0.32	0.54	56	N, NC	A, B
	SDLS > 1 "	0.28	0.29	0.48	56	N, NC, SC	A, B
	SDLN < 1 "	0.28	0.32	0.54	56	N, NC	A, B
	SDLN > 1 "	0.28	0.29	0.48	56	N, NC, SC	A, B
	GBG	0.28	0.32	0.54	56	N, NC	A, B
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.31	0.24	0.54	53	NC, SC, S	A
	SDLN > 1 "	0.31	0.19	0.43	53	NC, SC, S	
	SDLN < 1 "	0.31	0.21	0.49	53	NC, SC, S	A
	SDLS > 1 "	0.31	0.19	0.43	53	NC, SC, S	
	SDLS < 1 "	0.31	0.21	0.49	53	NC, SC, S	A
	SDLN > 1 "	0.30	0.19	0.43	56	N, NC, SC, S	A
	GBG	0.31	0.21	0.49	53	NC, SC, S	A
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure		0.31	0.24	0.54	53	NC, SC, S	A
	SDLN > 1 "	0.31	0.19	0.43	53	NC, SC, S	
	SDLN < 1 "	0.31	0.21	0.49	53	NC, SC, S	A
	SDLS > 1 "	0.31	0.19	0.43	53	NC, SC, S	
	SDLS < 1 "	0.31	0.21	0.49	53	NC, SC, S	A
	GBG	0.31	0.21	0.49	53	NC, SC, S	A
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.27	0.23	0.54	57	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.19	0.43	57	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.21	0.49	57	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.19	0.43	57	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.21	0.49	57	N, NC, SC, S	A, B
	GBG	0.27	0.21	0.49	57	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure		0.27	0.23	0.54	57	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.19	0.43	57	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.21	0.49	57	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.21	0.49	57	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.19	0.43	57	N, NC, SC, S	A, B
	GBG	0.27	0.21	0.49	57	N, NC, SC, S	A, B

Integrity Windows and Doors NFRC Values

Wood–Ultrex Direct Glaze Polygon – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Obscure Air LoE 180 3.1 mm obscure / 11.5mm air / LoE 180 3.1 mm		0.32	0.58	0.67	55	N	A, B, C, D
	SDLS < 1 "	0.32	0.52	0.60	55	N	A, B, C
	SDLS > 1 "	0.32	0.46	0.53	55	N	A, B
	SDLN > 1 "	0.32	0.46	0.53	53	N	A, B
	SDLN < 1 "	0.32	0.52	0.60	55	N	A, B, C
	GBG	0.32	0.52	0.60	55	N	A, B, C
11/16" IG Obscure Argon LoE 180 3.1 mm obscure / 11.5mm argon / LoE 180 3.1 mm		0.28	0.58	0.67	59	N	A, B, C, D
	SDLS < 1 "	0.28	0.52	0.60	59	N	A, B, C, D
	SDLS > 1 "	0.28	0.47	0.53	59	N	A, B, C
	SDLN < 1 "	0.28	0.52	0.60	59	N	A, B, C, D
	SDLN > 1 "	0.28	0.47	0.53	59	N	A, B, C
	GBG	0.28	0.52	0.60	59	N	A, B, C, D
7/8" IG Air LoE 180 3.1 mm clr / 13.0mm air / LoE 180 4.7mm		0.32	0.57	0.66	54	N	A, B, C
	SDLS < 1 "	0.32	0.52	0.59	54	N	A, B, C
	SDLS > 1 "	0.32	0.46	0.53	54	N	A, B
	SDLN > 1 "	0.32	0.46	0.53	54	N	A, B
	SDLN < 1 "	0.32	0.52	0.59	54	N	A, B, C
	GBG	0.32	0.52	0.59	54	N	A, B, C
7/8" IG Argon LoE 180 3.1 mm clr / 13.0mm argon / LoE 180 4.7mm		0.29	0.58	0.66	54	N	A, B, C, D
	SDLN > 1 "	0.29	0.47	0.53	54	N	A, B, C
	SDLN < 1 "	0.29	0.52	0.59	54	N	A, B, C, D
	SDLS > 1 "	0.29	0.47	0.53	54	N	A, B, C
	SDLS < 1 "	0.29	0.52	0.59	54	N	A, B, C, D
	GBG	0.29	0.52	0.59	54	N	A, B, C, D
7/8" IG LoE 272 Air 3.1 mm LoE 272 / 13.0mm air / 4.7mm clr		0.32	0.35	0.60	51	NC	A
	SDLS < 1 "	0.32	0.32	0.54	51	NC	A
	SDLS > 1 "	0.32	0.29	0.48	52	NC, SC	A
	SDLN < 1 "	0.32	0.32	0.54	51	NC	A
	SDLN > 1 "	0.32	0.29	0.48	52	NC, SC	A
	GBG	0.32	0.32	0.54	51	NC	A
7/8" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 13.0mm air / 4.7mm obscure		0.32	0.35	0.60	51	NC	A
	SDLN < 1 "	0.32	0.32	0.54	51	NC	A
	SDLN > 1 "	0.32	0.29	0.48	52	NC, SC	A
	SDLS < 1 "	0.32	0.32	0.54	51	NC	A
	SDLS > 1 "	0.32	0.29	0.48	52	NC, SC	A
	GBG	0.32	0.32	0.54	51	NC	A
7/8" IG LoE 272 Argon 3.1 mm LoE 272 13.0mm argon / 4.7mm clr		0.28	0.35	0.60	55	N, NC	A, B
	SDLS > 1 "	0.28	0.28	0.48	55	N, NC, SC	A, B
	SDLS < 1 "	0.28	0.32	0.54	55	N, NC	A, B
	SDLN < 1 "	0.28	0.32	0.54	55	N, NC	A, B
	SDLN > 1 "	0.28	0.28	0.48	55	N, NC, SC	A, B
	GBG	0.28	0.32	0.54	55	N, NC	A, B
7/8" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 13.0mm argon / 4.7mm obscure		0.28	0.35	0.60	55	N, NC	A, B
	SDLN > 1 "	0.28	0.28	0.48	55	N, NC, SC	A, B
	SDLN < 1 "	0.28	0.32	0.54	55	N, NC	A, B
	SDLS > 1 "	0.28	0.28	0.48	55	N, NC, SC	A, B
	SDLS < 1 "	0.28	0.32	0.54	55	N, NC	A, B
	GBG	0.28	0.32	0.54	55	N, NC	A, B
7/8" IG LoE 366 Air 3.1 mm LoE 366 / 13.0mm air / 4.7mm clr		0.31	0.23	0.54	52	NC, SC, S	A
	SDLN < 1 "	0.31	0.21	0.48	52	NC, SC, S	A
	SDLN > 1 "	0.31	0.19	0.43	52	NC, SC, S	
	SDLS < 1 "	0.31	0.21	0.48	52	NC, SC, S	A
	SDLS > 1 "	0.31	0.19	0.43	52	NC, SC, S	
	GBG	0.31	0.21	0.48	52	NC, SC, S	A
7/8" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 13.0mm air / 4.7mm obscure		0.31	0.23	0.54	52	NC, SC, S	A
	SDLS < 1 "	0.31	0.21	0.48	52	NC, SC, S	A
	SDLS > 1 "	0.30	0.19	0.43	55	N, NC, SC, S	A
	SDLN < 1 "	0.31	0.21	0.48	52	NC, SC, S	A
	SDLN > 1 "	0.30	0.19	0.43	55	N, NC, SC, S	A
	GBG	0.31	0.21	0.48	52	NC, SC, S	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Direct Glaze Polygon – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
7/8" IG LoE 366 Argon 3.1 mm LoE 366 / 13.0mm argon / 4.7mm clr		0.27	0.23	0.54	55	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.21	0.48	55	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.19	0.43	55	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.21	0.48	55	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.19	0.43	55	N, NC, SC, S	A, B
	GBG	0.27	0.21	0.48	55	N, NC, SC, S	A, B
7/8" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 13.0mm argon / 4.7mm obscure		0.27	0.23	0.54	55	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.21	0.48	55	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.19	0.43	55	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.21	0.48	55	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.19	0.43	55	N, NC, SC, S	A, B
	GBG	0.27	0.21	0.48	55	N, NC, SC, S	A, B
7/8" IG Obscure Air LoE 180 3.1 mm obscure / 13.0mm air / LoE 180 4.7mm		0.32	0.57	0.66	54	N	A, B, C
	SDLS < 1 "	0.32	0.52	0.59	51	N	A, B, C
	SDLS > 1 "	0.32	0.46	0.53	54	N	A, B
	SDLN < 1 "	0.32	0.52	0.59	54	N	A, B, C
	SDLN > 1 "	0.32	0.46	0.53	54	N	A, B
	GBG	0.32	0.52	0.59	54	N	A, B, C
7/8" IG Obscure Argon LoE 180 3.1 mm obscure / 13.0mm argon / LoE 180 4.7mm		0.29	0.58	0.66	54	N	A, B, C, D
	SDLN > 1 "	0.29	0.47	0.53	54	N	A, B, C
	SDLN < 1 "	0.29	0.52	0.59	54	N	A, B, C, D
	SDLS > 1 "	0.29	0.47	0.53	54	N	A, B, C
	SDLS < 1 "	0.29	0.52	0.59	54	N	A, B, C, D
	GBG	0.29	0.52	0.59	54	N	A, B, C, D

Integrity Windows and Doors NFRC Values

Wood–Ultrex Direct Glaze Polygon – IZ3

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
1" IG LoE 272 Air Lami 4.7mm LoE 272 / 9.8mm air / 10.1 mm SGP laminate	SDLN > 1 "	0.32	0.28	0.47	50	NC, SC	A
	SDLN < 1 "	0.32	0.31	0.52	50	NC	A
	SDLS > 1 "	0.32	0.28	0.47	50	NC, SC	A
	SDLS < 1 "	0.32	0.31	0.52	50	NC	A
		0.32	0.34	0.58	52	NC	A
1" IG LoE 272 Air Lami 3.9mm LoE 272 / 13.0mm air / 6.9mm PVB laminate	SDLN > 1 "	0.31	0.28	0.47	54	NC, SC	A
	SDLN < 1 "	0.30	0.31	0.53	56	N, NC	A
	SDLS > 1 "	0.30	0.28	0.47	56	N, NC, SC	A
	SDLS < 1 "	0.31	0.31	0.53	54	NC	A
		0.31	0.34	0.59	54	NC	A
1" IG LoE 272 Air Lami 5.7mm LoE 272 / 9.8mm air / 10.1 mm SGP laminate	SDLN > 1 "	0.32	0.28	0.46	52	NC, SC	A
	SDLN < 1 "	0.32	0.31	0.52	50	NC	A
	SDLS > 1 "	0.32	0.28	0.46	50	NC, SC	A
	SDLS < 1 "	0.32	0.31	0.52	52	NC	A
		0.32	0.34	0.58	50	NC	A
1" IG LoE 272 Argon Lami 3.9mm LoE 272 / 13.0mm argon / 6.9mm PVB laminate	SDLN > 1 "	0.27	0.28	0.47	59	N, NC, SC	A, B
	SDLN < 1 "	0.27	0.31	0.53	59	N, NC	A, B
	SDLS > 1 "	0.27	0.28	0.47	59	N, NC, SC	A, B
	SDLS < 1 "	0.27	0.31	0.53	59	N, NC	A, B
		0.27	0.34	0.59	59	N, NC	A, B
1" IG LoE 272 Argon Lami 5.7mm LoE 272 / 9.8mm argon / 10.1 mm SGP laminate	SDLN > 1 "	0.28	0.27	0.46	53	N, NC, SC, S	A, B
	SDLN < 1 "	0.28	0.30	0.52	53	N, NC, SC	A, B
	SDLS > 1 "	0.28	0.27	0.46	53	N, NC, SC, S	A, B
	SDLS < 1 "	0.28	0.30	0.52	53	N, NC, SC	A, B
		0.28	0.34	0.58	53	N, NC	A, B
1" IG LoE 272 Argon Lami 4.7mm LoE 272 / 9.8mm argon / 10.1 mm SGP laminate	SDLN > 1 "	0.27	0.28	0.47	56	N, NC, SC	A, B
	SDLN < 1 "	0.28	0.31	0.52	53	N, NC	A, B
	SDLS > 1 "	0.27	0.28	0.47	56	N, NC, SC	A, B
	SDLS < 1 "	0.27	0.31	0.52	56	N, NC	A, B
		0.27	0.34	0.58	56	N, NC	A, B
1" IG LoE 366 Argon Lami 3.9mm LoE 366 / 13.0mm argon / 6.9mm PVB laminate		0.27	0.23	0.53	58	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.21	0.47	58	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.19	0.42	58	N, NC, SC, S	A, B
	SDLN < 1 "	0.26	0.21	0.47	60	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.19	0.42	58	N, NC, SC, S	A, B
1" IG LoE 366 Argon Lami 4.7mm LoE 366 / 9.8mm argon / 10.1mm PVB laminate		0.27	0.23	0.53	54	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.21	0.47	54	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.19	0.42	54	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.21	0.47	54	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.19	0.42	54	N, NC, SC, S	A, B
1" IG LoE 366 Argon Lami 5.7mm LoE 366 / 9.8mm argon / 10.1 mm SGP laminate		0.27	0.23	0.52	54	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.21	0.47	54	N, NC, SC, S	A, B
	SDLS > 1 "	0.27	0.19	0.42	54	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.21	0.47	54	N, NC, SC, S	A, B
	SDLN > 1 "	0.27	0.19	0.42	54	N, NC, SC, S	A, B

Integrity Windows and Doors NFRC Values

Wood–Ultrex Direct Glaze Polygon – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
7/8" IG Air LoE 180 3.1 mm clr / 13.0mm air / LoE 180 4.7mm		0.32	0.57	0.66	54	N	A, B, C
	SDLS < 1 "	0.32	0.52	0.59	54	N	A, B, C
	SDLS > 1 "	0.32	0.46	0.53	54	N	A, B
	SDLN < 1 "	0.32	0.52	0.59	54	N	A, B, C
	SDLN > 1 "	0.32	0.46	0.53	54	N	A, B
	GBG	0.32	0.52	0.59	54	N	A, B, C
7/8" IG Argon LoE 180 3.1 mm clr / 13.0mm argon / LoE 180 4.7mm		0.28	0.58	0.66	57	N	A, B, C, D
	SDLS < 1 "	0.28	0.52	0.59	57	N	A, B, C, D
	SDLS > 1 "	0.28	0.47	0.53	57	N	A, B, C
	SDLN < 1 "	0.28	0.52	0.59	57	N	A, B, C, D
	SDLN > 1 "	0.28	0.47	0.53	57	N	A, B, C
	GBG	0.28	0.52	0.59	57	N	A, B, C, D
7/8" IG LoE 272 Air 3.1 mm LoE 272 / 13.0mm air / 4.7mm clr		0.31	0.35	0.60	54	N, NC	A
	SDLS > 1 "	0.31	0.29	0.48	54	NC, SC	A
	SDLS < 1 "	0.31	0.32	0.54	54	NC	A
	SDLN > 1 "	0.31	0.29	0.48	54	NC, SC	A
	SDLN < 1 "	0.31	0.32	0.54	54	NC	A
	GBG	0.31	0.32	0.54	54	NC	A
7/8" IG LoE 272 Argon 3.1 mm LoE 272 13.0mm argon / 4.7mm clr		0.27	0.35	0.60	58	N, NC	A, B
	SDLS > 1 "	0.27	0.28	0.48	58	N, NC, SC	A, B
	SDLS < 1 "	0.27	0.32	0.54	58	N, NC	A, B
	SDLN > 1 "	0.27	0.28	0.48	58	N, NC, SC	A, B
	SDLN < 1 "	0.27	0.32	0.54	58	N, NC	A, B
	GBG	0.27	0.32	0.54	58	N, NC	A, B
7/8" IG LoE 366 Air 3.1 mm LoE 366 / 13.0mm air / 4.7mm clr		0.30	0.23	0.54	55	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.21	0.48	55	N, NC, SC, S	A
	SDLS > 1 "	0.30	0.19	0.43	55	N, NC, SC, S	A
	SDLN > 1 "	0.30	0.19	0.43	55	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.21	0.48	55	N, NC, SC, S	A
	GBG	0.30	0.21	0.48	55	N, NC, SC, S	A
7/8" IG LoE 366 Argon 3.1 mm LoE 366 / 13.0mm argon / 4.7mm clr		0.26	0.23	0.54	58	N, NC, SC, S	A, B
	SDLS > 1 "	0.26	0.19	0.43	58	N, NC, SC, S	A, B
	SDLS < 1 "	0.26	0.21	0.48	58	N, NC, SC, S	A, B
	SDLN > 1 "	0.26	0.19	0.43	58	N, NC, SC, S	A, B
	SDLN < 1 "	0.26	0.21	0.48	58	N, NC, SC, S	A, B
	GBG	0.26	0.21	0.48	58	N, NC, SC, S	A, B

Integrity Windows and Doors NFRC Values

Wood–Ultrex Sliding Patio Door – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm obscure		0.28	0.22	0.52	59	N, NC, SC, S	A, B
	SDLS < 1 "	0.29	0.20	0.46	58	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.20	0.46	59	N, NC, SC, S	A, B
	GBG	0.28	0.20	0.46	59	N, NC, SC, S	A, B
3/4" IG LoE 366 Argon 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm clr		0.28	0.22	0.52	59	N, NC, SC, S	A, B
	SDLS < 1 "	0.29	0.20	0.46	58	N, NC, SC, S	A
	SDLN < 1 "	0.28	0.20	0.46	59	N, NC, SC, S	A, B
	GBG	0.28	0.20	0.46	59	N, NC, SC, S	A, B
3/4" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 13.0mm air / 3.1 mm obscure		0.32	0.23	0.52	55	N, NC, SC, S	A
	SDLS < 1 "	0.33	0.20	0.46	55		
	SDLN < 1 "	0.32	0.20	0.46	55	N, NC, SC, S	A
	GBG	0.32	0.20	0.46	55	N, NC, SC, S	A
3/4" IG LoE 366 Air 3.1 mm LoE 366 / 13.0mm air / 3.1 mm clr		0.32	0.23	0.52	55	N, NC, SC, S	A
	SDLS < 1 "	0.33	0.20	0.46	55		
	SDLN < 1 "	0.32	0.20	0.46	55	N, NC, SC, S	A
	GBG	0.32	0.20	0.46	55	N, NC, SC, S	A
3/4" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm obscure		0.28	0.34	0.58	58		A, B
	SDLS < 1 "	0.28	0.30	0.51	58	N, NC, SC, S	A, B
	SDLN < 1 "	0.28	0.30	0.51	58	N, NC, SC, S	A, B
	GBG	0.28	0.30	0.51	58	N, NC, SC, S	A, B
3/4" IG LoE 272 Argon 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm clr		0.28	0.34	0.58	58		A, B
	SDLS < 1 "	0.28	0.30	0.51	58	N, NC, SC, S	A, B
	SDLN < 1 "	0.28	0.30	0.51	58	N, NC, SC, S	A, B
	GBG	0.28	0.30	0.51	58	N, NC, SC, S	A, B
3/4" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 13.0mm air / 3.1 mm obscure		0.32	0.34	0.58	55		A
	SDLS < 1 "	0.32	0.30	0.51	54	N, NC, SC, S	A
	SDLN < 1 "	0.32	0.30	0.51	55	N, NC, SC, S	A
	GBG	0.32	0.30	0.51	55	N, NC, SC, S	A
3/4" IG LoE 272 Air 3.1 mm LoE 272 / 13.0mm air / 3.1 mm clr		0.32	0.34	0.58	55		A
	SDLS < 1 "	0.32	0.30	0.51	54	N, NC, SC, S	A
	SDLN < 1 "	0.32	0.30	0.51	55	N, NC, SC, S	A
	GBG	0.32	0.30	0.51	55	N, NC, SC, S	A
3/4" IG Argon LoE 180 3.1 mm clr / 13.0mm argon / LoE 180 3.1 mm		0.31	0.57	0.64	57		A, B, C, D
	SDLS < 1 "	0.29	0.49	0.56	57		A, B, C
	SDLN < 1 "	0.31	0.50	0.56	57		A, B, C
	GBG	0.31	0.50	0.56	57		A, B, C
3/4" IG Air LoE 180 3.1 mm clr / 13.0mm air / LoE 180 3.1 mm		0.34	0.56	0.64	54		A, B, C
	SDLS < 1 "	0.33	0.49	0.56	54		A, B
	SDLN < 1 "	0.34	0.50	0.56	54		A, B
	GBG	0.34	0.50	0.56	54		A, B

Wood–Ultrex Sliding Patio Door – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 4.7mm clr		0.32	0.34	0.58	54		A
	SDLN < 1 "	0.32	0.30	0.51	54	N, NC, SC, S	A
	SDLS < 1 "	0.32	0.30	0.51	54	N, NC, SC, S	A
	GBG	0.32	0.30	0.51	54	N, NC, SC, S	A
3/4" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 4.7mm obscure		0.32	0.34	0.58	54		A
	SDLN < 1 "	0.32	0.30	0.51	54	N, NC, SC, S	A
	SDLS < 1 "	0.32	0.30	0.51	54	N, NC, SC, S	A
	GBG	0.32	0.30	0.51	54	N, NC, SC, S	A
3/4" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 4.7mm clr		0.28	0.34	0.58	57		A, B
	SDLS < 1 "	0.28	0.30	0.51	57	N, NC, SC, S	A, B
	SDLN < 1 "	0.28	0.30	0.51	57	N, NC, SC, S	A, B
	GBG	0.28	0.30	0.51	57	N, NC, SC, S	A, B
3/4" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 4.7mm obscure		0.28	0.34	0.58	57		A, B
	SDLS < 1 "	0.28	0.30	0.51	57	N, NC, SC, S	A, B
	SDLN < 1 "	0.28	0.30	0.51	57	N, NC, SC, S	A, B
	GBG	0.28	0.30	0.51	57	N, NC, SC, S	A, B
3/4" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 4.7mm clr		0.31	0.23	0.52	54	N, NC, SC, S	A
	SDLN < 1 "	0.31	0.20	0.46	54	N, NC, SC, S	A
	SDLS < 1 "	0.31	0.20	0.46	54	N, NC, SC, S	A
	GBG	0.31	0.20	0.46	54	N, NC, SC, S	A
3/4" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 11.5mm air / 4.7mm obscure		0.31	0.23	0.52	54	N, NC, SC, S	A
	SDLS < 1 "	0.31	0.20	0.46	54	N, NC, SC, S	A
	SDLN < 1 "	0.31	0.20	0.46	54	N, NC, SC, S	A
	GBG	0.31	0.20	0.46	54	N, NC, SC, S	A
3/4" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 4.7mm clr		0.27	0.22	0.52	58	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.20	0.46	58	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.20	0.46	58	N, NC, SC, S	A, B
	GBG	0.27	0.20	0.46	58	N, NC, SC, S	A, B
3/4" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 4.7mm obscure		0.27	0.22	0.52	58	N, NC, SC, S	A, B
	SDLS < 1 "	0.27	0.20	0.46	58	N, NC, SC, S	A, B
	SDLN < 1 "	0.27	0.20	0.46	58	N, NC, SC, S	A, B
	GBG	0.27	0.20	0.46	58	N, NC, SC, S	A, B
3/4" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 4.7mm		0.33	0.55	0.63	53		A, B, C
	SDLS < 1 "	0.33	0.49	0.56	53		A, B
	SDLN < 1 "	0.33	0.49	0.56	53		A, B
	GBG	0.33	0.49	0.56	53		A, B
3/4" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 4.7mm		0.29	0.55	0.63	57		A, B, C, D
	SDLS < 1 "	0.29	0.49	0.56	57		A, B, C
	SDLN < 1 "	0.29	0.49	0.56	57		A, B, C
	GBG	0.29	0.49	0.56	57		A, B, C
3/4" IG Obscure Air LoE 180 3.1 mm obscure / 11.5mm air / LoE 180 4.7mm		0.33	0.55	0.63	53		A, B, C
	SDLS < 1 "	0.33	0.49	0.56	53		A, B
	SDLN < 1 "	0.33	0.49	0.56	53		A, B
	GBG	0.33	0.49	0.56	53		A, B
3/4" IG Obscure Argon LoE 180 3.1 mm obscure / 11.5mm argon / LoE 180 4.7mm		0.29	0.55	0.63	57		A, B, C, D
	SDLN < 1 "	0.29	0.49	0.56	57		A, B, C
	SDLS < 1 "	0.29	0.49	0.56	57		A, B, C
	GBG	0.29	0.49	0.56	57		A, B, C

Integrity Windows and Doors NFRC Values

Wood–Ultrex Inswing French Door – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm obscure		0.29	0.18	0.42	62	N, NC, SC, S	A
	SDLS < 1 "	0.31	0.16	0.36	62	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.16	0.36	62	N, NC, SC, S	A
	GBG	0.29	0.16	0.36	62	N, NC, SC, S	A
3/4" IG LoE 366 Argon 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm clr		0.29	0.18	0.42	62	N, NC, SC, S	A
	SDLS < 1 "	0.31	0.16	0.36	62	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.16	0.36	62	N, NC, SC, S	A
	GBG	0.29	0.16	0.36	62	N, NC, SC, S	A
3/4" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 13.0mm air / 3.1 mm obscure		0.32	0.19	0.42	59	N, NC, SC, S	A
	SDLS < 1 "	0.34	0.16	0.36	58		
	SDLN < 1 "	0.32	0.16	0.36	59	N, NC, SC, S	A
	GBG	0.32	0.16	0.36	59	N, NC, SC, S	A
3/4" IG LoE 366 Air 3.1 mm LoE 366 / 13.0mm air / 3.1 mm clr		0.32	0.19	0.42	59	N, NC, SC, S	A
	SDLS < 1 "	0.34	0.16	0.36	58		
	SDLN < 1 "	0.32	0.16	0.36	59	N, NC, SC, S	A
	GBG	0.32	0.16	0.36	59	N, NC, SC, S	A
3/4" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm obscure		0.30	0.27	0.47	62	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.24	0.40	61	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.24	0.40	62	N, NC, SC, S	A
	GBG	0.30	0.24	0.40	62	N, NC, SC, S	A
3/4" IG LoE 272 Argon 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm clr		0.30	0.27	0.47	62	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.24	0.40	61	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.24	0.40	62	N, NC, SC, S	A
	GBG	0.30	0.24	0.40	62	N, NC, SC, S	A
3/4" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 13.0mm air / 3.1 mm obscure		0.33	0.28	0.47	58		
	SDLS < 1 "	0.33	0.24	0.40	58		
	SDLN < 1 "	0.33	0.24	0.40	58		
	GBG	0.33	0.24	0.40	58		
3/4" IG LoE 272 Air 3.1 mm LoE 272 / 13.0mm air / 3.1 mm clr		0.33	0.28	0.47	58		
	SDLS < 1 "	0.33	0.24	0.40	58		
	SDLN < 1 "	0.33	0.24	0.40	58		
	GBG	0.33	0.24	0.40	58		
3/4" IG Argon LoE 180 3.1 mm clr / 13.0mm argon / LoE 180 3.1 mm		0.32	0.46	0.51	60		A, B
	SDLS < 1 "	0.31	0.39	0.44	61		A
	SDLN < 1 "	0.32	0.40	0.44	60		A
	GBG	0.32	0.40	0.44	60		A
3/4" IG Air LoE 180 3.1 mm clr / 13.0mm air / LoE 180 3.1 mm		0.34	0.46	0.51	56		A
	SDLS < 1 "	0.33	0.39	0.44	57		A
	SDLN < 1 "	0.34	0.40	0.44	56		A
	GBG	0.34	0.40	0.44	56		A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Inswing French Door – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 4.7mm clr		0.33	0.28	0.46	57		
	SDLN < 1 "	0.33	0.24	0.40	57		
	SDLS < 1 "	0.33	0.24	0.40	57		
	GBG	0.33	0.24	0.40	57		
3/4" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 4.7mm obscure		0.33	0.28	0.46	57		
	SDLS < 1 "	0.33	0.24	0.40	57		
	SDLN < 1 "	0.33	0.24	0.40	57		
	GBG	0.33	0.24	0.40	57		
3/4" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 4.7mm clr		0.30	0.27	0.46	60	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.24	0.40	60	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.24	0.40	60	N, NC, SC, S	A
	GBG	0.30	0.24	0.40	60	N, NC, SC, S	A
3/4" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 4.7mm obscure		0.30	0.27	0.46	60	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.24	0.40	60	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.24	0.40	60	N, NC, SC, S	A
	GBG	0.30	0.24	0.40	60	N, NC, SC, S	A
3/4" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 4.7mm clr		0.32	0.19	0.42	57	N, NC, SC, S	A
	SDLN < 1 "	0.32	0.16	0.36	57	N, NC, SC, S	A
	SDLS < 1 "	0.32	0.16	0.36	57	N, NC, SC, S	A
	GBG	0.32	0.16	0.36	57	N, NC, SC, S	A
3/4" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 11.5mm air / 4.7mm obscure		0.32	0.19	0.42	57	N, NC, SC, S	A
	SDLN < 1 "	0.32	0.16	0.36	57	N, NC, SC, S	A
	SDLS < 1 "	0.32	0.16	0.36	57	N, NC, SC, S	A
	GBG	0.32	0.16	0.36	57	N, NC, SC, S	A
3/4" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 4.7mm clr		0.29	0.18	0.42	61	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.16	0.36	61	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.16	0.36	61	N, NC, SC, S	A
	GBG	0.29	0.16	0.36	61	N, NC, SC, S	A
3/4" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 4.7mm obscure		0.29	0.18	0.42	61	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.16	0.36	61	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.16	0.36	61	N, NC, SC, S	A
	GBG	0.29	0.16	0.36	61	N, NC, SC, S	A
3/4" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 4.7mm		0.33	0.45	0.51	56		A, B
	SDLN < 1 "	0.33	0.39	0.44	56		A
	SDLS < 1 "	0.33	0.39	0.44	56		A
	GBG	0.33	0.39	0.44	56		A
3/4" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 4.7mm		0.30	0.45	0.51	60		A, B, C
	SDLS < 1 "	0.30	0.39	0.44	60		A, B
	SDLN < 1 "	0.30	0.39	0.44	60		A, B
	GBG	0.30	0.39	0.44	60		A, B
3/4" IG Obscure Air LoE 180 3.1 mm obscure / 11.5mm air / LoE 180 4.7mm		0.33	0.45	0.51	56		A, B
	SDLN < 1 "	0.33	0.39	0.44	56		A
	SDLS < 1 "	0.33	0.39	0.44	56		A
	GBG	0.33	0.39	0.44	56		A
3/4" IG Obscure Argon LoE 180 3.1 mm obscure / 11.5mm argon / LoE 180 4.7mm		0.30	0.45	0.51	60		A, B, C
	SDLN < 1 "	0.30	0.39	0.44	60		A, B
	SDLS < 1 "	0.30	0.39	0.44	60		A, B
	GBG	0.30	0.39	0.44	60		A, B

Integrity Windows and Doors NFRC Values

Wood–Ultrex Outswing French Door – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm obscure		0.30	0.18	0.42	62	N, NC, SC, S	A
	SDLS < 1 "	0.31	0.16	0.36	62	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.16	0.36	62	N, NC, SC, S	A
	GBG	0.30	0.16	0.36	62	N, NC, SC, S	A
3/4" IG LoE 366 Argon 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm clr		0.30	0.18	0.42	62	N, NC, SC, S	A
	SDLS < 1 "	0.31	0.16	0.36	62	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.16	0.36	62	N, NC, SC, S	A
	GBG	0.30	0.16	0.36	62	N, NC, SC, S	A
3/4" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 13.0mm air / 3.1 mm obscure		0.33	0.19	0.42	58		
	SDLS < 1 "	0.34	0.17	0.36	58		
	SDLN < 1 "	0.33	0.17	0.36	58		
	GBG	0.33	0.17	0.36	58		
3/4" IG LoE 366 Air 3.1 mm LoE 366 / 13.0mm air / 3.1 mm clr		0.33	0.19	0.42	58		
	SDLS < 1 "	0.34	0.17	0.36	58		
	SDLN < 1 "	0.33	0.17	0.36	58		
	GBG	0.33	0.17	0.36	58		
3/4" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm obscure		0.30	0.28	0.47	61	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.24	0.40	61	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.24	0.40	61	N, NC, SC, S	A
	GBG	0.30	0.24	0.40	61	N, NC, SC, S	A
3/4" IG LoE 272 Argon 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm clr		0.30	0.28	0.47	61	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.24	0.40	61	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.24	0.40	61	N, NC, SC, S	A
	GBG	0.30	0.24	0.40	61	N, NC, SC, S	A
3/4" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 13.0mm air / 3.1 mm obscure		0.33	0.28	0.47	58		
	SDLS < 1 "	0.33	0.24	0.40	58		
	SDLN < 1 "	0.33	0.24	0.40	58		
	GBG	0.33	0.24	0.40	58		
3/4" IG LoE 272 Air 3.1 mm LoE 272 / 13.0mm air / 3.1 mm clr		0.33	0.28	0.47	58		
	SDLS < 1 "	0.33	0.24	0.40	58		
	SDLN < 1 "	0.33	0.24	0.40	58		
	GBG	0.33	0.24	0.40	58		
3/4" IG Argon LoE 180 3.1 mm clr / 13.0mm argon / LoE 180 3.1 mm		0.32	0.46	0.51	59		A, B
	SDLS < 1 "	0.31	0.39	0.44	61		A
	SDLN < 1 "	0.32	0.40	0.44	59		A
	GBG	0.32	0.40	0.44	59		A
3/4" IG Air LoE 180 3.1 mm clr / 13.0mm air / LoE 180 3.1 mm		0.34	0.46	0.51	56		A
	SDLS < 1 "	0.33	0.39	0.44	57		A
	SDLN < 1 "	0.34	0.40	0.44	56		
	GBG	0.34	0.40	0.44	56		

Integrity Windows and Doors NFRC Values

Wood–Ultrex Outswing French Door – IZ3

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG LoE 366 Argon Lami		0.31	0.19	0.41	59	N, NC, SC, S	A
3.9mm LoE 366 / 8.0mm argon / 6.9mm SGP	SDLN < 1 "	0.31	0.17	0.35	59	N, NC, SC, S	A
3/4" IG LoE 272 Argon Lami		0.32	0.27	0.45	59	N, NC, SC, S	A
3.9mm LoE 272 / 8.0mm argon / 6.9mm SGP	SDLN < 1 "	0.32	0.24	0.39	59	N, NC, SC, S	A

Integrity Windows and Doors NFRC Values

Wood–Ultrex Outswing French Door – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 4.7mm clr		0.33	0.28	0.46	57		
	SDLS < 1 "	0.33	0.24	0.40	57		
	SDLN < 1 "	0.33	0.24	0.40	57		
	GBG	0.33	0.24	0.40	57		
3/4" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 4.7mm obscure		0.33	0.28	0.46	57		
	SDLN < 1 "	0.33	0.24	0.40	57		
	SDLS < 1 "	0.33	0.24	0.40	57		
	GBG	0.33	0.24	0.40	57		
3/4" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 4.7mm clr		0.30	0.28	0.46	60	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.24	0.40	60	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.24	0.40	60	N, NC, SC, S	A
	GBG	0.30	0.24	0.40	60	N, NC, SC, S	A
3/4" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 4.7mm obscure		0.30	0.28	0.46	60	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.24	0.40	60	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.24	0.40	60	N, NC, SC, S	A
	GBG	0.30	0.24	0.40	60	N, NC, SC, S	A
3/4" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 4.7mm clr		0.32	0.19	0.42	57	N, NC, SC, S	A
	SDLS < 1 "	0.32	0.17	0.36	57	N, NC, SC, S	A
	SDLN < 1 "	0.32	0.17	0.36	57	N, NC, SC, S	A
	GBG	0.32	0.17	0.36	57	N, NC, SC, S	A
3/4" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 11.5mm air / 4.7mm obscure		0.32	0.19	0.42	57	N, NC, SC, S	A
	SDLS < 1 "	0.32	0.17	0.36	57	N, NC, SC, S	A
	SDLN < 1 "	0.32	0.17	0.36	57	N, NC, SC, S	A
	GBG	0.32	0.17	0.36	57	N, NC, SC, S	A
3/4" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 4.7mm clr		0.29	0.19	0.42	61	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.16	0.36	61	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.16	0.36	61	N, NC, SC, S	A
	GBG	0.29	0.16	0.36	61	N, NC, SC, S	A
3/4" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 4.7mm obscure		0.29	0.19	0.42	61	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.16	0.36	61	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.16	0.36	61	N, NC, SC, S	A
	GBG	0.29	0.16	0.36	61	N, NC, SC, S	A
3/4" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 4.7mm		0.33	0.45	0.51	56		A, B
	SDLN < 1 "	0.33	0.39	0.44	56		A
	SDLS < 1 "	0.33	0.39	0.44	56		A
	GBG	0.33	0.39	0.44	56		A
3/4" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 4.7mm		0.30	0.45	0.51	60		A, B, C
	SDLS < 1 "	0.30	0.39	0.44	60		A, B
	SDLN < 1 "	0.30	0.39	0.44	60		A, B
	GBG	0.30	0.39	0.44	60		A, B
3/4" IG Obscure Air LoE 180 3.1 mm obscure / 11.5mm air / LoE 180 4.7mm		0.33	0.45	0.51	56		A, B
	SDLS < 1 "	0.33	0.39	0.44	56		A
	SDLN < 1 "	0.33	0.39	0.44	56		A
	GBG	0.33	0.39	0.44	56		A
3/4" IG Obscure Argon LoE 180 3.1 mm obscure / 11.5mm argon / LoE 180 4.7mm		0.30	0.45	0.51	60		A, B, C
	SDLS < 1 "	0.30	0.39	0.44	60		A, B
	SDLN < 1 "	0.30	0.39	0.44	60		A, B
	GBG	0.30	0.39	0.44	60		A, B

Integrity Windows and Doors NFRC Values

Wood–Ultrex Sliding French Door– Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm obscure		0.29	0.19	0.45	57	N, NC, SC, S	A
	SDLS < 1 "	0.31	0.17	0.39	57	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.17	0.39	57	N, NC, SC, S	A
	GBG	0.29	0.17	0.39	57	N, NC, SC, S	A
3/4" IG LoE 366 Argon 3.1 mm LoE 366 / 13.0mm argon / 3.1 mm clr		0.29	0.19	0.45	57	N, NC, SC, S	A
	SDLS < 1 "	0.31	0.17	0.39	57	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.17	0.39	57	N, NC, SC, S	A
	GBG	0.29	0.17	0.39	57	N, NC, SC, S	A
3/4" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 13.0mm air / 3.1 mm obscure		0.33	0.20	0.45	55		
	SDLS < 1 "	0.34	0.17	0.39	54		
	SDLN < 1 "	0.33	0.17	0.39	55		
	GBG	0.33	0.17	0.39	55		
3/4" IG LoE 366 Air 3.1 mm LoE 366 / 13.0mm air / 3.1 mm clr		0.33	0.20	0.45	55		
	SDLS < 1 "	0.34	0.17	0.39	54		
	SDLN < 1 "	0.33	0.17	0.39	55		
	GBG	0.33	0.17	0.39	55		
3/4" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm obscure		0.30	0.29	0.50	57	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.26	0.43	57	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.26	0.43	57	N, NC, SC, S	A
	GBG	0.30	0.26	0.43	57	N, NC, SC, S	A
3/4" IG LoE 272 Argon 3.1 mm LoE 272 / 13.0mm argon / 3.1 mm clr		0.30	0.29	0.50	57	N, NC, SC, S	A
	SDLS < 1 "	0.30	0.26	0.43	57	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.26	0.43	57	N, NC, SC, S	A
	GBG	0.30	0.26	0.43	57	N, NC, SC, S	A
3/4" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 13.0mm air / 3.1 mm obscure		0.33	0.29	0.50	54		
	SDLS < 1 "	0.33	0.26	0.43	54		
	SDLN < 1 "	0.33	0.26	0.43	54		
	GBG	0.33	0.26	0.43	54		
3/4" IG LoE 272 Air 3.1 mm LoE 272 / 13.0mm air / 3.1 mm clr		0.33	0.29	0.50	54		
	SDLS < 1 "	0.33	0.26	0.43	54		
	SDLN < 1 "	0.33	0.26	0.43	54		
	GBG	0.33	0.26	0.43	54		
3/4" IG Argon LoE 180 3.1 mm clr / 13.0mm argon / LoE 180 3.1 mm		0.32	0.49	0.55	56		A, B
	SDLS < 1 "	0.30	0.42	0.47	57		A, B
	SDLN < 1 "	0.32	0.43	0.47	56		A
	GBG	0.32	0.43	0.47	56		A
3/4" IG Air LoE 180 3.1 mm clr / 13.0mm air / LoE 180 3.1 mm		0.35	0.49	0.55	53		A
	SDLS < 1 "	0.33	0.42	0.47	54		A
	SDLN < 1 "	0.35	0.42	0.47	53		
	GBG	0.35	0.42	0.47	53		

Integrity Windows and Doors NFRC Values

Wood–Ultrex Sliding French Door – IZ3

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG LoE 366 Argon Lami 3.9mm LoE 366 / 8.0mm argon / 6.9mm SGP laminate		0.31	0.20	0.44	55	N, NC, SC, S	A
3/4" IG LoE 366 Argon Lami 3.1 mm LoE 366 / 9.8mm argon / 6.9mm SGP		0.29	0.19	0.44	57	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.17	0.38	57	N, NC, SC, S	A
3/4" IG LoE 366 Argon Lami 3.9mm LoE 366 / 8.0mm argon / 6.9mm SGP laminate	SDLN < 1 "	0.31	0.17	0.38	55	N, NC, SC, S	A
3/4" IG LoE 272 Argon Lami 3.9mm LoE 272 / 8.0mm argon / 6.9mm SGP laminate		0.31	0.29	0.48	55	N, NC, SC, S	A
3/4" IG LoE 272 Argon Lami 3.1 mm LoE 272 / 9.8mm argon / 6.9mm SGP		0.30	0.29	0.49	57	N, NC, SC, S	A
	SDLN < 1 "	0.30	0.25	0.42	57	N, NC, SC, S	A
3/4" IG LoE 272 Argon Lami 3.9mm LoE 272 / 8.0mm argon / 6.9mm SGP laminate	SDLN < 1 "	0.31	0.25	0.42	55	N, NC, SC, S	A

Wood–Ultrex Sliding French Door – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 4.7mm clr		0.33	0.29	0.49	54		
	SDLN < 1 "	0.33	0.26	0.43	54		
	SDLS < 1 "	0.33	0.26	0.43	54		
	GBG	0.33	0.26	0.43	54		
3/4" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 4.7mm obscure		0.33	0.29	0.49	54		
	SDLN < 1 "	0.33	0.26	0.43	54		
	SDLS < 1 "	0.33	0.26	0.43	54		
	GBG	0.33	0.26	0.43	54		
3/4" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 4.7mm clr		0.29	0.29	0.49	57	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.26	0.43	57	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.26	0.43	57	N, NC, SC, S	A
	GBG	0.29	0.26	0.43	57	N, NC, SC, S	A
3/4" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 4.7mm obscure		0.29	0.29	0.49	57	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.26	0.43	57	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.26	0.43	57	N, NC, SC, S	A
	GBG	0.29	0.26	0.43	57	N, NC, SC, S	A
3/4" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 4.7mm clr		0.32	0.20	0.44	54	N, NC, SC, S	A
	SDLS < 1 "	0.32	0.18	0.38	54	N, NC, SC, S	A
	SDLN < 1 "	0.32	0.18	0.38	54	N, NC, SC, S	A
	GBG	0.32	0.18	0.38	54	N, NC, SC, S	A
3/4" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 11.5mm air / 4.7mm obscure		0.32	0.20	0.44	54	N, NC, SC, S	A
	SDLN < 1 "	0.32	0.18	0.38	54	N, NC, SC, S	A
	SDLS < 1 "	0.32	0.18	0.38	54	N, NC, SC, S	A
	GBG	0.32	0.18	0.38	54	N, NC, SC, S	A
3/4" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 4.7mm clr		0.29	0.19	0.44	57	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.17	0.38	57	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.17	0.38	57	N, NC, SC, S	A
	GBG	0.29	0.17	0.38	57	N, NC, SC, S	A
3/4" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 4.7mm obscure		0.29	0.19	0.44	57	N, NC, SC, S	A
	SDLS < 1 "	0.29	0.17	0.38	57	N, NC, SC, S	A
	SDLN < 1 "	0.29	0.17	0.38	57	N, NC, SC, S	A
	GBG	0.29	0.17	0.38	57	N, NC, SC, S	A
3/4" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 4.7mm		0.33	0.47	0.54	53		A, B
	SDLN < 1 "	0.33	0.41	0.47	53		A
	SDLS < 1 "	0.33	0.41	0.47	53		A
	GBG	0.33	0.41	0.47	53		A
3/4" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 4.7mm		0.30	0.48	0.54	56		A, B, C
	SDLN < 1 "	0.30	0.42	0.47	56		A, B
	SDLS < 1 "	0.30	0.42	0.47	56		A, B
	GBG	0.30	0.42	0.47	56		A, B
3/4" IG Obscure Air LoE 180 3.1 mm obscure / 11.5mm air / LoE 180 4.7mm		0.33	0.47	0.54	53		A, B
	SDLS < 1 "	0.33	0.41	0.47	53		A
	SDLN < 1 "	0.33	0.41	0.47	53		A
	GBG	0.33	0.41	0.47	53		A
3/4" IG Obscure Argon LoE 180 3.1 mm obscure / 11.5mm argon / LoE 180 4.7mm		0.30	0.48	0.54	56		A, B, C
	SDLS < 1 "	0.30	0.42	0.47	56		A, B
	SDLN < 1 "	0.30	0.42	0.47	56		A, B
	GBG	0.30	0.42	0.47	56		A, B

Integrity Windows and Doors NFRC Values

All Ultrex Casement Operator/Stationary – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Argon Obscure		0.30	0.20	0.44	59	N, NC, SC, S	A
3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure	GBG	0.30	0.18	0.40	59	N, NC, SC, S	A
11/16" IG LoE 366 Argon		0.30	0.20	0.44	59	N, NC, SC, S	A
3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr	GBG	0.30	0.18	0.40	59	N, NC, SC, S	A
11/16" IG LoE 366 Air Obscure		0.33	0.20	0.44	55	SC, S	
3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure	GBG	0.33	0.18	0.40	55	SC, S	
11/16" IG LoE 366 Air		0.33	0.20	0.44	55	SC, S	
3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr	GBG	0.33	0.18	0.40	55	SC, S	
11/16" IG LoE 272 Argon Obscure		0.31	0.29	0.49	58	NC, SC	A
3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure	GBG	0.31	0.27	0.45	58	NC, SC, S	A
11/16" IG LoE 272 Argon		0.31	0.29	0.49	58	NC, SC	A
3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr	GBG	0.31	0.27	0.45	58	NC, SC, S	A
11/16" IG LoE 272 Air Obscure		0.34	0.29	0.49	55	SC	
3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure	GBG	0.34	0.27	0.45	55	SC, S	
11/16" IG LoE 272 Air		0.34	0.29	0.49	55	SC	
3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr	GBG	0.34	0.27	0.45	55	SC, S	
11/16" IG Argon LoE 180		0.32	0.49	0.54	57	N	A, B
3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm	GBG	0.32	0.44	0.49	57	N	A, B
11/16" IG Air LoE 180		0.35	0.48	0.54	53		A
3.1 mm clr / 11.5mm air / LoE 180 3.1 mm	GBG	0.35	0.44	0.49	53		A

Integrity Windows and Doors NFRC Values

All Ultrex Casement Operator/Stationary – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Argon		0.31	0.29	0.49	56	NC, SC	A
3.1 mm LoE 272 9.8mm argon / 4.7mm clr	GBG	0.32	0.27	0.44	56	NC, SC, S	A
11/16" IG LoE 272 Air		0.35	0.30	0.49	52	SC	
3.1 mm LoE 272 / 9.8mm air / 4.7mm clr	GBG	0.36	0.27	0.44	52	S	
11/16" IG LoE 272 Air Obscure		0.35	0.30	0.49	52	SC	
3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure	GBG	0.36	0.27	0.44	52	S	
11/16" IG LoE 272 Argon Obscure		0.31	0.29	0.49	56	NC, SC	A
3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure	GBG	0.32	0.27	0.44	56	NC, SC, S	A
11/16" IG LoE 366 Air		0.34	0.20	0.44	53	SC, S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm clr	GBG	0.35	0.19	0.40	53	SC, S	
11/16" IG LoE 366 Air Obscure		0.34	0.20	0.44	53	SC, S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure	GBG	0.35	0.19	0.40	53	SC, S	
11/16" IG LoE 366 Argon		0.30	0.20	0.44	56	N, NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr	GBG	0.31	0.18	0.40	56	NC, SC, S	
11/16" IG LoE 366 Argon Obscure		0.30	0.20	0.44	56	N, NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure	GBG	0.31	0.18	0.40	56	NC, SC, S	
11/16" IG Air LoE 180		0.35	0.47	0.54	52		A
3.1 mm clr / 9.8mm air / LoE 180 4.7mm	GBG	0.36	0.43	0.49	52		
11/16" IG Argon LoE 180		0.32	0.48	0.54	55	N	A, B
3.1 mm clr / 9.8mm argon / LoE 180 4.7mm	GBG	0.32	0.43	0.49	55	N	A, B
11/16" IG Obscure Air LoE 180		0.35	0.47	0.54	52		A
3.1 mm obscure / 9.8mm air / LoE 180 4.7mm	GBG	0.36	0.43	0.49	52		
11/16" IG Obscure Argon LoE 180		0.32	0.48	0.54	55	N	A, B
3.1 mm obscure / 9.8mm argon / LoE 180 4.7mm	GBG	0.32	0.43	0.49	55	N	A, B

Integrity Windows and Doors NFRC Values

All Ultrex Awning Operator/Stationary – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Argon Obscure		0.30	0.20	0.44	57	N, NC, SC, S	A
3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure	GBG	0.30	0.18	0.40	57	N, NC, SC, S	A
11/16" IG LoE 366 Argon		0.30	0.20	0.44	57	N, NC, SC, S	A
3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr	GBG	0.30	0.18	0.40	57	N, NC, SC, S	A
11/16" IG LoE 366 Air Obscure		0.33	0.20	0.44	53	SC, S	
3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure	GBG	0.33	0.18	0.40	53	SC, S	
11/16" IG LoE 366 Air		0.33	0.20	0.44	53	SC, S	
3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr	GBG	0.33	0.18	0.40	53	SC, S	
11/16" IG LoE 272 Argon Obscure		0.30	0.29	0.49	57	N, NC, SC	A
3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure	GBG	0.30	0.27	0.45	57	N, NC, SC, S	A
11/16" IG LoE 272 Argon		0.30	0.29	0.49	57	N, NC, SC	A
3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr	GBG	0.30	0.27	0.45	57	N, NC, SC, S	A
11/16" IG LoE 272 Air Obscure		0.34	0.29	0.49	53	SC	
3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure	GBG	0.34	0.27	0.45	53	SC, S	
11/16" IG LoE 272 Air		0.34	0.29	0.49	53	SC	
3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr	GBG	0.34	0.27	0.45	53	SC, S	
11/16" IG Argon LoE 180		0.32	0.49	0.54	56	N	A, B
3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm	GBG	0.32	0.44	0.49	56	N	A, B
11/16" IG Air LoE 180		0.35	0.48	0.54	52		A
3.1 mm clr / 11.5mm air / LoE 180 3.1 mm	GBG	0.35	0.44	0.49	52		A

Integrity Windows and Doors NFRC Values

All Ultrex Awning Operator/Stationary – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Argon		0.31	0.29	0.49	55	NC, SC	A
3.1 mm LoE 272 9.8mm argon / 4.7mm clr	GBG	0.32	0.27	0.44	54	NC, SC, S	A
11/16" IG LoE 272 Air		0.35	0.30	0.49	51	SC	
3.1 mm LoE 272 / 9.8mm air / 4.7mm clr	GBG	0.35	0.27	0.44	51	SC, S	
11/16" IG LoE 272 Air Obscure		0.35	0.30	0.49	51	SC	
3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure	GBG	0.35	0.27	0.44	51	SC, S	
11/16" IG LoE 272 Argon Obscure		0.31	0.29	0.49	55	NC, SC	A
3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure	GBG	0.32	0.27	0.44	54	NC, SC, S	A
11/16" IG LoE 366 Air		0.34	0.20	0.44	51	SC, S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm clr	GBG	0.35	0.18	0.40	51	SC, S	
11/16" IG LoE 366 Air Obscure		0.34	0.20	0.44	51	SC, S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure	GBG	0.35	0.18	0.40	51	SC, S	
11/16" IG LoE 366 Argon		0.30	0.20	0.44	55	N, NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr	GBG	0.31	0.18	0.40	55	NC, SC, S	
11/16" IG LoE 366 Argon Obscure		0.30	0.20	0.44	55	N, NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure	GBG	0.31	0.18	0.40	55	NC, SC, S	
11/16" IG Air LoE 180		0.35	0.47	0.54	51		A
3.1 mm clr / 9.8mm air / LoE 180 4.7mm	GBG	0.36	0.43	0.49	50		
11/16" IG Argon LoE 180		0.32	0.48	0.54	54	N	A, B
3.1 mm clr / 9.8mm argon / LoE 180 4.7mm	GBG	0.32	0.43	0.49	54	N	A, B
11/16" IG Obscure Air LoE 180		0.35	0.47	0.54	51		A
3.1 mm obscure / 9.8mm air / LoE 180 4.7mm	GBG	0.36	0.43	0.49	50		
11/16" IG Obscure Argon LoE 180		0.32	0.48	0.54	54	N	A, B
3.1 mm obscure / 9.8mm argon / LoE 180 4.7mm	GBG	0.32	0.43	0.49	54	N	A, B

Integrity Windows and Doors NFRC Values

All Ultrex Swinging Window Picture / Transom – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure		0.28	0.22	0.51	58	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon Obscure 3.9mm LoE 366 / 9.8mm argon / 3.9mm obscure		0.29	0.22	0.51	56	N, NC, SC, S	A
	GBG	0.30	0.20	0.46	56	N, NC, SC, S	A
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure	GBG	0.28	0.20	0.46	58	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon 3.9mm LoE 366 / 9.8mm argon / 3.9mm clr		0.29	0.22	0.51	56	N, NC, SC, S	A
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.28	0.22	0.51	58	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon 3.9mm LoE 366 / 9.8mm argon / 3.9mm clr	GBG	0.30	0.20	0.46	56	N, NC, SC, S	A
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr	GBG	0.28	0.20	0.46	58	N, NC, SC, S	A, B
11/16" IG LoE 366 Air Obscure 3.9mm LoE 366 / 9.8mm air / 3.9mm obscure		0.33	0.23	0.51	53	SC, S	
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure		0.32	0.23	0.51	54	NC, SC, S	A
	GBG	0.32	0.21	0.46	54	NC, SC, S	
11/16" IG LoE 366 Air Obscure 3.9mm LoE 366 / 9.8mm air / 3.9mm obscure	GBG	0.35	0.21	0.46	53	SC, S	
11/16" IG LoE 366 Air 3.9mm LoE 366 / 9.8mm air / 3.9mm clr		0.33	0.23	0.51	53	SC, S	
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.32	0.23	0.51	54	NC, SC, S	A
11/16" IG LoE 366 Air 3.9mm LoE 366 / 9.8mm air / 3.9mm clr	GBG	0.35	0.21	0.46	53	SC, S	
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr	GBG	0.32	0.21	0.46	54	NC, SC, S	
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure		0.29	0.33	0.57	58	N, NC	A
11/16" IG LoE 272 Argon Obscure 3.9mm LoE 272 / 9.8mm argon / 3.9mm obscure		0.29	0.33	0.57	56	N, NC	A
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure	GBG	0.29	0.30	0.51	58	N, NC, SC	A
11/16" IG LoE 272 Argon Obscure 3.9mm LoE 272 / 9.8mm argon / 3.9mm obscure	GBG	0.30	0.30	0.51	56	N, NC, SC	A
11/16" IG LoE 272 Argon 3.9mm LoE 272 / 9.8mm argon / 3.9mm clr		0.29	0.33	0.57	56	N, NC	A
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.29	0.33	0.57	58	N, NC	A
	GBG	0.29	0.30	0.51	58	N, NC, SC	A
11/16" IG LoE 272 Argon 3.9mm LoE 272 / 9.8mm argon / 3.9mm clr	GBG	0.30	0.30	0.51	56	N, NC, SC	A

Integrity Windows and Doors NFRC Values

All Ultrex Swinging Window Picture / Transom – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Air Obscure 3.9mm LoE 272 / 9.8mm air / 3.9mm obscure		0.34	0.34	0.57	52		
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure		0.32	0.34	0.57	54	NC	A
11/16" IG LoE 272 Air Obscure 3.9mm LoE 272 / 9.8mm air / 3.9mm obscure	GBG	0.35	0.30	0.51	52	SC	
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure	GBG	0.32	0.30	0.51	54	NC, SC	A
11/16" IG LoE 272 Air 3.9mm LoE 272 / 9.8mm air / 3.9mm clr		0.34	0.34	0.57	52		
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.32	0.34	0.57	54	NC	A
	GBG	0.32	0.30	0.51	54	NC, SC	A
11/16" IG LoE 272 Air 3.9mm LoE 272 / 9.8mm air / 3.9mm clr	GBG	0.35	0.30	0.51	52	SC	
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.31	0.56	0.63	56	N	A, B, C, D
11/16" IG Argon LoE 180 3.9mm clr / 9.8mm argon / LoE 180 3.9mm		0.31	0.54	0.62	55	N	A, B, C
	GBG	0.32	0.49	0.56	55	N	A, B
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm	GBG	0.31	0.50	0.56	56	N	A, B, C
11/16" IG Air LoE 180 3.9mm clr / 9.8mm air / LoE 180 3.9mm		0.35	0.54	0.62	51		A, B
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.34	0.56	0.63	53		A, B, C
11/16" IG Air LoE 180 3.9mm clr / 9.8mm air / LoE 180 3.9mm	GBG	0.37	0.49	0.56	51		
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm	GBG	0.34	0.50	0.56	53		A, B

Integrity Windows and Doors NFRC Values

All Ultrex Swinging Window Picture / Transom – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Argon		0.29	0.34	0.57	55	N, NC	A
3.1 mm LoE 272 9.8mm argon / 4.7mm clr	GBG	0.30	0.30	0.51	55	N, NC, SC	A
11/16" IG LoE 272 Air		0.34	0.34	0.57	52		
3.1 mm LoE 272 / 9.8mm air / 4.7mm clr	GBG	0.35	0.30	0.51	52	SC	
11/16" IG LoE 272 Air Obscure		0.34	0.34	0.57	52		
3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure	GBG	0.35	0.30	0.51	52	SC	
11/16" IG LoE 272 Argon Obscure		0.29	0.34	0.57	55	N, NC	A
3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure	GBG	0.30	0.30	0.51	55	N, NC, SC	A
11/16" IG LoE 366 Air		0.33	0.23	0.51	52	SC, S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm clr	GBG	0.34	0.21	0.46	52	SC, S	
11/16" IG LoE 366 Air Obscure		0.33	0.23	0.51	52	SC, S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure	GBG	0.34	0.21	0.46	52	SC, S	
11/16" IG LoE 366 Argon		0.28	0.22	0.51	56	N, NC, SC, S	A, B
3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr	GBG	0.30	0.20	0.46	56	N, NC, SC, S	A
11/16" IG LoE 366 Argon Obscure		0.28	0.22	0.51	56	N, NC, SC, S	A, B
3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure	GBG	0.30	0.20	0.46	56	N, NC, SC, S	A
11/16" IG Air LoE 180		0.34	0.54	0.62	51		A, B, C
3.1 mm clr / 9.8mm air / LoE 180 4.7mm	GBG	0.35	0.49	0.56	51		A, B
11/16" IG Argon LoE 180		0.30	0.55	0.62	55	N	A, B, C, D
3.1 mm clr / 9.8mm argon / LoE 180 4.7mm	GBG	0.31	0.49	0.56	55	N	A, B, C
11/16" IG Obscure Air LoE 180		0.34	0.54	0.62	51		A, B, C
3.1 mm obscure / 9.8mm air / LoE 180 4.7mm	GBG	0.35	0.49	0.56	51		A, B
11/16" IG Obscure Argon LoE 180		0.30	0.55	0.62	55	N	A, B, C, D
3.1 mm obscure / 9.8mm argon / LoE 180 4.7mm	GBG	0.31	0.49	0.56	55	N	A, B, C
11/16" IG LoE 272 Air		0.36	0.33	0.56	50		
4.7mm LoE 272 / 8.0mm air / 4.7mm clr	GBG	0.38	0.30	0.50	50		
11/16" IG LoE 272 Air Obscure		0.36	0.33	0.56	50		
4.7mm LoE 272 / 8.0mm air / 4.7mm obscure	GBG	0.38	0.30	0.50	50		
11/16" IG LoE 272 Argon		0.31	0.33	0.56	54	NC	A
4.7mm LoE 272 / 8.0mm argon / 4.7mm clr	GBG	0.33	0.30	0.50	54	SC	
11/16" IG LoE 272 Argon Obscure		0.31	0.33	0.56	54	NC	A
4.7mm LoE 272 / 8.0mm argon / 4.7mm obscure	GBG	0.33	0.30	0.50	54	SC	
11/16" IG LoE 366 Air		0.36	0.23	0.51	50	S	
4.7mm LoE 366 / 8.0mm air / 4.7mm clr	GBG	0.38	0.21	0.45	50	S	
11/16" IG LoE 366 Air Obscure		0.36	0.23	0.51	50	S	
4.7mm LoE 366 / 8.0mm air / 4.7mm obscure	GBG	0.38	0.21	0.45	50	S	
11/16" IG LoE 366 Argon		0.31	0.23	0.51	54	NC, SC, S	A
4.7mm LoE 366 / 8.0mm argon / 4.7mm clr	GBG	0.33	0.21	0.45	54	SC, S	
11/16" IG LoE 366 Argon Obscure		0.31	0.23	0.51	54	NC, SC, S	A
4.7mm LoE 366 / 8.0mm argon / 4.7mm obscure	GBG	0.33	0.21	0.45	54	SC, S	
11/16" IG Air LoE 180		0.38	0.53	0.62	48		
4.7mm clr / 8.0mm air / LoE 180 4.7mm	GBG	0.40	0.48	0.55	48		
11/16" IG Argon LoE 180		0.33	0.53	0.62	52		A, B, C
4.7mm clr / 8.0mm argon / LoE 180 4.7mm	GBG	0.35	0.48	0.55	52		A

Integrity Windows and Doors NFRC Values

All Ultrex Single Hung – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Argon Obscure		0.30	0.22	0.51	56	N, NC, SC, S	A
3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure	GBG	0.30	0.20	0.46	56	N, NC, SC, S	
11/16" IG LoE 366 Argon		0.30	0.22	0.51	56	N, NC, SC, S	A
3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr	GBG	0.30	0.20	0.46	56	N, NC, SC, S	
11/16" IG LoE 366 Air Obscure		0.34	0.22	0.51	54	SC, S	
3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure	GBG	0.34	0.20	0.46	54	SC, S	
11/16" IG LoE 366 Air		0.34	0.22	0.51	54	SC, S	
3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr	GBG	0.34	0.20	0.46	54	SC, S	
11/16" IG LoE 272 Argon Obscure		0.31	0.33	0.57	56	NC	A
3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure	GBG	0.31	0.30	0.51	56	NC, SC	A
11/16" IG LoE 272 Argon		0.31	0.33	0.57	56	NC	A
3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr	GBG	0.31	0.30	0.51	56	NC, SC	A
11/16" IG LoE 272 Air Obscure		0.35	0.33	0.57	53		
3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure	GBG	0.35	0.30	0.51	53	SC	
11/16" IG LoE 272 Air		0.35	0.33	0.57	53		
3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr	GBG	0.35	0.30	0.51	53	SC	
11/16" IG Argon LoE 180		0.33	0.56	0.62	56		A, B, C
3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm	GBG	0.33	0.50	0.56	56		A, B
11/16" IG Air LoE 180		0.36	0.55	0.62	53		
3.1 mm clr / 11.5mm air / LoE 180 3.1 mm	GBG	0.36	0.50	0.56	53		

Integrity Windows and Doors NFRC Values

All Ultrex Single Hung – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180		0.37	0.54	0.62	51		
3.1 mm clr / 9.8mm air / LoE 180 4.7mm	GBG	0.38	0.48	0.55	51		
11/16" IG Argon LoE 180		0.32	0.54	0.62	55	N	A, B, C
3.1 mm clr / 9.8mm argon / LoE 180 4.7mm	GBG	0.33	0.49	0.55	55		A, B
11/16" IG LoE 272 Air		0.36	0.34	0.56	52		
3.1 mm LoE 272 / 9.8mm air / 4.7mm clr	GBG	0.37	0.30	0.50	52		
11/16" IG LoE 272 Air Obscure		0.36	0.34	0.56	52		
3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure	GBG	0.37	0.30	0.50	52		
11/16" IG LoE 272 Argon		0.31	0.33	0.56	55	NC	A
3.1 mm LoE 272 9.8mm argon / 4.7mm clr	GBG	0.32	0.30	0.50	55	NC, SC	A
11/16" IG LoE 272 Argon Obscure		0.31	0.33	0.56	55	NC	A
3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure	GBG	0.32	0.30	0.50	55	NC, SC	A
11/16" IG LoE 366 Air		0.35	0.23	0.51	52	SC, S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm clr	GBG	0.37	0.21	0.45	52	S	
11/16" IG LoE 366 Air Obscure		0.35	0.23	0.51	52	SC, S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure	GBG	0.37	0.21	0.45	52	S	
11/16" IG LoE 366 Argon		0.31	0.22	0.51	56	NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr	GBG	0.32	0.20	0.45	56	NC, SC, S	
11/16" IG LoE 366 Argon Obscure		0.31	0.22	0.51	56	NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure	GBG	0.32	0.20	0.45	56	NC, SC, S	
11/16" IG Obscure Air LoE 180		0.37	0.54	0.62	51		
3.1 mm obscure / 9.8mm air / LoE 180 4.7mm	GBG	0.38	0.48	0.55	51		
11/16" IG Obscure Argon LoE 180		0.32	0.54	0.62	55	N	A, B, C
3.1 mm obscure / 9.8mm argon / LoE 180 4.7mm	GBG	0.33	0.49	0.55	55		A, B

Integrity Windows and Doors NFRC Values

All Ultrex Double Hung– Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Argon Obscure		0.30	0.22	0.51	57	N, NC, SC, S	
3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure	GBG	0.30	0.20	0.46	57	N, NC, SC, S	
11/16" IG LoE 366 Argon		0.30	0.22	0.51	57	N, NC, SC, S	
3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr	GBG	0.30	0.20	0.46	57	N, NC, SC, S	
11/16" IG LoE 366 Air Obscure		0.34	0.22	0.51	54	SC, S	
3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure	GBG	0.34	0.20	0.46	54	SC, S	
11/16" IG LoE 366 Air		0.34	0.22	0.51	54	SC, S	
3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr	GBG	0.34	0.20	0.46	54	SC, S	
11/16" IG LoE 272 Argon Obscure		0.31	0.33	0.57	56	NC	A
3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure	GBG	0.31	0.30	0.51	56	NC, SC	A
11/16" IG LoE 272 Argon		0.31	0.33	0.57	56	NC	A
3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr	GBG	0.31	0.30	0.51	56	NC, SC	A
11/16" IG LoE 272 Air Obscure		0.35	0.33	0.57	53		
3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure	GBG	0.35	0.30	0.51	53	SC	
11/16" IG LoE 272 Air		0.35	0.33	0.57	53		
3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr	GBG	0.35	0.30	0.51	53	SC	
11/16" IG Argon LoE 180		0.33	0.56	0.63	56		A, B
3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm	GBG	0.33	0.50	0.56	56		A, B
11/16" IG Air LoE 180		0.36	0.55	0.63	52		
3.1 mm clr / 11.5mm air / LoE 180 3.1 mm	GBG	0.36	0.50	0.56	52		

Integrity Windows and Doors NFRC Values

All Ultrex Double Hung – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180		0.37	0.54	0.62	51		
3.1 mm clr / 9.8mm air / LoE 180 4.7mm	GBG	0.38	0.49	0.55	51		
11/16" IG Argon LoE 180		0.32	0.54	0.62	55	N	A, B, C
3.1 mm clr / 9.8mm argon / LoE 180 4.7mm	GBG	0.33	0.49	0.55	55		A, B
11/16" IG LoE 272 Air		0.36	0.34	0.56	51		
3.1 mm LoE 272 / 9.8mm air / 4.7mm clr	GBG	0.37	0.30	0.50	51		
11/16" IG LoE 272 Air Obscure		0.36	0.34	0.56	51		
3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure	GBG	0.37	0.30	0.50	51		
11/16" IG LoE 272 Argon		0.32	0.33	0.56	55	NC	A
3.1 mm LoE 272 9.8mm argon / 4.7mm clr	GBG	0.33	0.30	0.50	55	SC	
11/16" IG LoE 272 Argon Obscure		0.32	0.33	0.56	55	NC	A
3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure	GBG	0.33	0.30	0.50	55	SC	
11/16" IG LoE 366 Air		0.35	0.23	0.51	52	SC, S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm clr	GBG	0.37	0.21	0.45	52	S	
11/16" IG LoE 366 Air Obscure		0.35	0.23	0.51	52	SC, S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure	GBG	0.37	0.21	0.45	52	S	
11/16" IG LoE 366 Argon		0.31	0.22	0.51	55	NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr	GBG	0.32	0.20	0.45	55	NC, SC, S	
11/16" IG LoE 366 Argon Obscure		0.31	0.22	0.51	55	NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure	GBG	0.32	0.20	0.45	55	NC, SC, S	
11/16" IG Obscure Air LoE 180		0.37	0.54	0.62	51		
3.1 mm obscure / 9.8mm air / LoE 180 4.7mm	GBG	0.38	0.49	0.55	51		
11/16" IG Obscure Argon LoE 180		0.32	0.54	0.62	55	N	A, B, C
3.1 mm obscure / 9.8mm argon / LoE 180 4.7mm	GBG	0.33	0.49	0.55	55		A, B

Integrity Windows and Doors NFRC Values

All Ultrex Single / Double Hung Picture / Transom – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure		0.28	0.23	0.53	59	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon Obscure 3.9mm LoE 366 / 9.8mm argon / 3.9mm obscure		0.29	0.23	0.53	58	N, NC, SC, S	A
11/16" IG LoE 366 Argon Obscure 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure	GBG	0.28	0.21	0.48	59	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon Obscure 3.9mm LoE 366 / 9.8mm argon / 3.9mm obscure	GBG	0.30	0.21	0.47	58	N, NC, SC, S	A
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr		0.28	0.23	0.53	59	N, NC, SC, S	A, B
11/16" IG LoE 366 Argon 3.9mm LoE 366 / 9.8mm argon / 3.9mm clr		0.29	0.23	0.53	58	N, NC, SC, S	A
	GBG	0.30	0.21	0.47	58	N, NC, SC, S	A
11/16" IG LoE 366 Argon 3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr	GBG	0.28	0.21	0.48	59	N, NC, SC, S	A, B
11/16" IG LoE 366 Air Obscure 3.9mm LoE 366 / 9.8mm air / 3.9mm obscure		0.34	0.24	0.53	54	SC, S	
11/16" IG LoE 366 Air Obscure 3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure		0.32	0.23	0.53	56	NC, SC, S	A
	GBG	0.32	0.21	0.48	56	NC, SC, S	
11/16" IG LoE 366 Air Obscure 3.9mm LoE 366 / 9.8mm air / 3.9mm obscure	GBG	0.35	0.21	0.47	54	SC, S	
11/16" IG LoE 366 Air 3.9mm LoE 366 / 9.8mm air / 3.9mm clr		0.34	0.24	0.53	54	SC, S	
11/16" IG LoE 366 Air 3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr		0.32	0.23	0.53	56	NC, SC, S	A
	GBG	0.32	0.21	0.48	56	NC, SC, S	
11/16" IG LoE 366 Air 3.9mm LoE 366 / 9.8mm air / 3.9mm clr	GBG	0.35	0.21	0.47	54	SC, S	
11/16" IG LoE 272 Argon Obscure 3.9mm LoE 272 / 9.8mm argon / 3.9mm obscure		0.30	0.34	0.59	57	N, NC	A
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure		0.29	0.34	0.59	58	N, NC	A
11/16" IG LoE 272 Argon Obscure 3.9mm LoE 272 / 9.8mm argon / 3.9mm obscure	GBG	0.31	0.31	0.52	57	NC	A
11/16" IG LoE 272 Argon Obscure 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure	GBG	0.29	0.31	0.53	58	N, NC	A
11/16" IG LoE 272 Argon 3.9mm LoE 272 / 9.8mm argon / 3.9mm clr		0.30	0.34	0.59	57	N, NC	A
11/16" IG LoE 272 Argon 3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr		0.29	0.34	0.59	58	N, NC	A
	GBG	0.29	0.31	0.53	58	N, NC	A
11/16" IG LoE 272 Argon 3.9mm LoE 272 / 9.8mm argon / 3.9mm clr	GBG	0.31	0.31	0.52	57	NC	A
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure		0.33	0.35	0.59	56		
11/16" IG LoE 272 Air Obscure 3.9mm LoE 272 / 9.8mm air / 3.9mm obscure		0.34	0.34	0.59	54		

Integrity Windows and Doors NFRC Values

All Ultrex Single / Double Hung Picture / Transom – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 272 Air Obscure 3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure	GBG	0.33	0.31	0.53	56		
11/16" IG LoE 272 Air Obscure 3.9mm LoE 272 / 9.8mm air / 3.9mm obscure	GBG	0.36	0.31	0.52	54		
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr		0.33	0.35	0.59	56		
11/16" IG LoE 272 Air 3.9mm LoE 272 / 9.8mm air / 3.9mm clr		0.34	0.34	0.59	54		
11/16" IG LoE 272 Air 3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr	GBG	0.33	0.31	0.53	56		
11/16" IG LoE 272 Air 3.9mm LoE 272 / 9.8mm air / 3.9mm clr	GBG	0.36	0.31	0.52	54		
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm		0.31	0.58	0.65	58	N	A, B, C, D
11/16" IG Argon LoE 180 3.9mm clr / 9.8mm argon / LoE 180 3.9mm		0.32	0.56	0.64	56	N	A, B, C
	GBG	0.33	0.50	0.58	56		A, B
11/16" IG Argon LoE 180 3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm	GBG	0.31	0.52	0.58	58	N	A, B, C
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm		0.35	0.57	0.65	55		A, B, C
11/16" IG Air LoE 180 3.9mm clr / 9.8mm air / LoE 180 3.9mm		0.36	0.56	0.64	53		
	GBG	0.37	0.50	0.58	53		
11/16" IG Air LoE 180 3.1 mm clr / 11.5mm air / LoE 180 3.1 mm	GBG	0.35	0.52	0.58	55		A, B

Integrity Windows and Doors NFRC Values

All Ultrex Single / Double Hung Picture / Transom – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180	GBG	0.37	0.50	0.58	53		
3.1 mm clr / 9.8mm air / LoE 180 4.7mm		0.36	0.56	0.64	53		
11/16" IG Argon LoE 180	GBG	0.32	0.51	0.58	57	N	A, B, C
3.1 mm clr / 9.8mm argon / LoE 180 4.7mm		0.31	0.56	0.64	57	N	A, B, C, D
11/16" IG LoE 272 Air	GBG	0.36	0.31	0.52	53		
3.1 mm LoE 272 / 9.8mm air / 4.7mm clr		0.35	0.35	0.59	53		
11/16" IG LoE 272 Air Obscure	GBG	0.36	0.31	0.52	53		
3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure		0.35	0.35	0.59	53		
11/16" IG LoE 272 Argon	GBG	0.31	0.31	0.52	57	NC	A
3.1 mm LoE 272 9.8mm argon / 4.7mm clr		0.30	0.35	0.59	57	N, NC	A
11/16" IG LoE 272 Argon Obscure	GBG	0.31	0.31	0.52	57	NC	A
3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure		0.30	0.35	0.59	57	N, NC	A
11/16" IG LoE 366 Air	GBG	0.36	0.21	0.47	54	S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm clr		0.34	0.24	0.53	54	SC, S	
11/16" IG LoE 366 Air Obscure	GBG	0.36	0.21	0.47	54	S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure		0.34	0.24	0.53	54	SC, S	
11/16" IG LoE 366 Argon	GBG	0.31	0.21	0.47	57	NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr		0.30	0.23	0.53	57	N, NC, SC, S	A
11/16" IG LoE 366 Argon Obscure	GBG	0.31	0.21	0.47	57	NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure		0.30	0.23	0.53	57	N, NC, SC, S	A
11/16" IG Obscure Air LoE 180	GBG	0.37	0.50	0.58	53		
3.1 mm obscure / 9.8mm air / LoE 180 4.7mm		0.36	0.56	0.64	53		
11/16" IG Obscure Argon LoE 180	GBG	0.32	0.51	0.58	57	N	A, B, C
3.1 mm obscure / 9.8mm argon / LoE 180 4.7mm		0.31	0.56	0.64	57	N	A, B, C, D

Integrity Windows and Doors NFRC Values

All Ultrex Glider – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG LoE 366 Argon Obscure		0.30	0.22	0.51	56	N, NC, SC, S	A
3.1 mm LoE 366 / 11.5mm argon / 3.1 mm obscure	GBG	0.30	0.20	0.46	56	N, NC, SC, S	
11/16" IG LoE 366 Argon		0.30	0.22	0.51	56	N, NC, SC, S	A
3.1 mm LoE 366 / 11.5mm argon / 3.1 mm clr	GBG	0.30	0.20	0.46	56	N, NC, SC, S	
11/16" IG LoE 366 Air Obscure		0.34	0.22	0.51	54	SC, S	
3.1 mm LoE 366 / 11.5mm air / 3.1 mm obscure	GBG	0.34	0.20	0.46	54	SC, S	
11/16" IG LoE 366 Air		0.34	0.22	0.51	54	SC, S	
3.1 mm LoE 366 / 11.5mm air / 3.1 mm clr	GBG	0.34	0.20	0.46	54	SC, S	
11/16" IG LoE 272 Argon Obscure		0.31	0.33	0.57	56	NC	A
3.1 mm LoE 272 / 11.5mm argon / 3.1 mm obscure	GBG	0.31	0.30	0.51	56	NC, SC	A
11/16" IG LoE 272 Argon		0.31	0.33	0.57	56	NC	A
3.1 mm LoE 272 / 11.5mm argon / 3.1 mm clr	GBG	0.31	0.30	0.51	56	NC, SC	A
11/16" IG LoE 272 Air Obscure		0.35	0.33	0.57	54		
3.1 mm LoE 272 / 11.5mm air / 3.1 mm obscure	GBG	0.35	0.30	0.51	54	SC	
11/16" IG LoE 272 Air		0.35	0.33	0.57	54		
3.1 mm LoE 272 / 11.5mm air / 3.1 mm clr	GBG	0.35	0.30	0.51	54	SC	
11/16" IG Argon LoE 180		0.33	0.56	0.62	56		A, B, C
3.1 mm clr / 11.5mm argon / LoE 180 3.1 mm	GBG	0.33	0.50	0.56	56		A, B
11/16" IG Air LoE 180		0.37	0.55	0.62	53		
3.1 mm clr / 11.5mm air / LoE 180 3.1 mm	GBG	0.37	0.50	0.56	53		

Integrity Windows and Doors NFRC Values

All Ultrex Glider – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
11/16" IG Air LoE 180		0.37	0.54	0.62	52		
3.1 mm clr / 9.8mm air / LoE 180 4.7mm	GBG	0.38	0.48	0.55	52		
11/16" IG Argon LoE 180		0.32	0.54	0.62	55	N	A, B, C
3.1 mm clr / 9.8mm argon / LoE 180 4.7mm	GBG	0.33	0.49	0.55	55		A, B
11/16" IG LoE 272 Air		0.36	0.34	0.56	52		
3.1 mm LoE 272 / 9.8mm air / 4.7mm clr	GBG	0.37	0.30	0.50	52		
11/16" IG LoE 272 Air Obscure		0.36	0.34	0.56	52		
3.1 mm LoE 272 / 9.8mm air / 4.7mm obscure	GBG	0.37	0.30	0.50	52		
11/16" IG LoE 272 Argon		0.32	0.33	0.56	56	NC	A
3.1 mm LoE 272 9.8mm argon / 4.7mm clr	GBG	0.33	0.30	0.50	56	SC	
11/16" IG LoE 272 Argon Obscure		0.32	0.33	0.56	56	NC	A
3.1 mm LoE 272 / 9.8mm argon / 4.7mm obscure	GBG	0.33	0.30	0.50	56	SC	
11/16" IG LoE 366 Air		0.36	0.23	0.51	53	S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm clr	GBG	0.37	0.21	0.45	53	S	
11/16" IG LoE 366 Air Obscure		0.36	0.23	0.51	53	S	
3.1 mm LoE 366 / 9.8mm air / 4.7mm obscure	GBG	0.37	0.21	0.45	53	S	
11/16" IG LoE 366 Argon		0.31	0.22	0.51	56	NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm clr	GBG	0.32	0.20	0.45	56	NC, SC, S	
11/16" IG LoE 366 Argon Obscure		0.31	0.22	0.51	56	NC, SC, S	A
3.1 mm LoE 366 / 9.8mm argon / 4.7mm obscure	GBG	0.32	0.20	0.45	56	NC, SC, S	
11/16" IG Obscure Air LoE 180		0.37	0.54	0.62	52		
3.1 mm obscure / 9.8mm air / LoE 180 4.7mm	GBG	0.38	0.48	0.55	52		
11/16" IG Obscure Argon LoE 180		0.32	0.54	0.62	55	N	A, B, C
3.1 mm obscure / 9.8mm argon / LoE 180 4.7mm	GBG	0.33	0.49	0.55	55		A, B

Integrity Windows and Doors NFRC Values

All Ultrex Direct Glaze Polygon – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
7/8" IG LoE 366 Argon Obscure		0.28	0.24	0.57	59	N, NC, SC, S	A, B
3.1 mm LoE 366 / 16.0mm argon / 3.1 mm obscure	GBG	0.28	0.22	0.51	59	N, NC, SC, S	A, B
7/8" IG LoE 366 Argon		0.28	0.24	0.57	59	N, NC, SC, S	A, B
3.1 mm LoE 366 / 16.0mm argon / 3.1 mm clr	GBG	0.28	0.22	0.51	59	N, NC, SC, S	A, B
7/8" IG LoE 366 Air Obscure		0.32	0.24	0.57	56	NC, SC, S	A
3.1 mm LoE 366 / 16.0mm air / 3.1 mm obscure	GBG	0.32	0.22	0.51	56	NC, SC, S	A
7/8" IG LoE 366 Air		0.32	0.24	0.57	56	NC, SC, S	A
3.1 mm LoE 366 / 16.0mm air / 3.1 mm clr	GBG	0.32	0.22	0.51	56	NC, SC, S	A
7/8" IG LoE 272 Argon Obscure		0.29	0.36	0.63	59	N, NC	A, B
3.1 mm LoE 272 / 16.0mm argon / 3.1 mm obscure	GBG	0.29	0.33	0.56	59	N, NC	A
7/8" IG LoE 272 Argon		0.29	0.36	0.63	59	N, NC	A, B
3.1 mm LoE 272 / 16.0mm argon / 3.1 mm clr	GBG	0.29	0.33	0.56	59	N, NC	A
7/8" IG LoE 272 Air Obscure		0.33	0.37	0.63	55		
3.1 mm LoE 272 / 16.0mm air / 3.1 mm obscure	GBG	0.33	0.33	0.56	55		
7/8" IG LoE 272 Air		0.33	0.37	0.63	55		
3.1 mm LoE 272 / 16.0mm air / 3.1 mm clr	GBG	0.33	0.33	0.56	55		
7/8" IG Argon LoE 180		0.31	0.61	0.69	58	N	A, B, C, D
3.1 mm clr / 16.0mm argon / LoE 180 3.1 mm	GBG	0.31	0.55	0.62	58	N	A, B, C
7/8" IG Air LoE 180		0.35	0.61	0.69	54		A, B, C
3.1 mm clr / 16.0mm air / LoE 180 3.1 mm	GBG	0.35	0.55	0.62	54		A, B

Integrity Windows and Doors NFRC Values

All Ultrex Direct Glaze Polygon – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
7/8" IG Air LoE 180		0.33	0.60	0.69	54		A, B, C, D
3.1 mm clr / 14.5mm air / LoE 180 4.7mm	GBG	0.33	0.54	0.62	54		A, B, C
7/8" IG Argon LoE 180		0.29	0.60	0.69	57	N	A, B, C, D
3.1 mm clr / 14.5mm argon / LoE 180 4.7mm	GBG	0.29	0.54	0.62	57	N	A, B, C, D
7/8" IG LoE 272 Air		0.32	0.37	0.62	54	NC	A
3.1 mm LoE 272 / 14.5mm air / 4.7mm clr	GBG	0.32	0.33	0.56	54	NC	A
7/8" IG LoE 272 Air Obscure		0.32	0.37		54	NC	A
3.1 mm LoE 272 / 14.5mm air / 4.7mm obscure	GBG	0.32	0.33	0.56	54	NC	A
7/8" IG LoE 272 Argon		0.29	0.36	0.62	57	N, NC	A, B
3.1 mm LoE 272 / 14.5mm argon / 4.7mm clr	GBG	0.29	0.33	0.56	57	N, NC	A
7/8" IG LoE 272 Argon Obscure		0.29	0.36	0.62	57	N, NC	A, B
3.1 mm LoE 272 / 14.5mm argon / 4.7mm obscure	GBG	0.29	0.33	0.56	57	N, NC	A
7/8" IG LoE 366 Air		0.32	0.24	0.56	54	NC, SC, S	A
3.1 mm LoE 366 / 14.5mm air / 4.7mm clr	GBG	0.32	0.22	0.50	54	NC, SC, S	A
7/8" IG LoE 366 Air Obscure		0.32	0.24	0.56	54	NC, SC, S	A
3.1 mm LoE 366 / 14.5mm air / 4.7mm obscure	GBG	0.32	0.22	0.50	54	NC, SC, S	A
7/8" IG LoE 366 Argon		0.28	0.24	0.56	58	N, NC, SC, S	A, B
3.1 mm LoE 366 / 14.5mm argon / 4.7mm clr	GBG	0.28	0.22	0.50	58	N, NC, SC, S	A, B
7/8" IG LoE 366 Argon Obscure		0.28	0.24	0.56	58	N, NC, SC, S	A, B
3.1 mm LoE 366 / 14.5mm argon / 4.7mm obscure	GBG	0.28	0.22	0.50	58	N, NC, SC, S	A, B
7/8" IG Obscure Air LoE 180		0.33	0.60	0.69	54		A, B, C, D
3.1 mm obscure / 14.5mm air / LoE 180 4.7mm	GBG	0.33	0.54	0.62	54		A, B, C
7/8" IG Obscure Argon LoE 180		0.29	0.60	0.69	57	N	A, B, C, D
3.1 mm obscure / 14.5mm argon / LoE 180 4.7mm	GBG	0.29	0.54	0.62	57	N	A, B, C, D

Integrity Windows and Doors NFRC Values

All Ultrex Round Top – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
7/8” IG LoE 366 Argon 4.7mm LoE 366 / 13.0mm argon / 4.7mm clr		0.27	0.24	0.56	58	N, NC, SC, S	A, B
7/8” IG LoE 366 Argon 3.9mm LoE 366 / 14.5mm argon / 3.9mm clr		0.28	0.24	0.56	59	N, NC, SC, S	A, B
7/8” IG LoE 366 Argon 5.7mm LoE 366 / 11.5mm argon / 5.7mm clr		0.27	0.24	0.55	58	N, NC, SC, S	A, B
7/8” IG LoE 366 Argon 3.1 mm LoE 366 / 16.0mm argon / 3.1 mm clr		0.28	0.24	0.57	60	N, NC, SC, S	A, B
7/8” IG LoE 366 Argon 5.7mm LoE 366 / 11.5mm argon / 5.7mm clr	GBG	0.27	0.22	0.49	58	N, NC, SC, S	A, B
7/8” IG LoE 366 Argon 4.7mm LoE 366 / 13.0mm argon / 4.7mm clr	GBG	0.27	0.22	0.50	58	N, NC, SC, S	A, B
7/8” IG LoE 366 Argon 3.9mm LoE 366 / 14.5mm argon / 3.9mm clr	GBG	0.28	0.22	0.50	59	N, NC, SC, S	A, B
7/8” IG LoE 366 Argon 3.1 mm LoE 366 / 16.0mm argon / 3.1 mm clr	GBG	0.28	0.22	0.51	60	N, NC, SC, S	A, B
7/8” IG LoE 366 Air 3.9mm LoE 366 / 14.5mm air / 3.9mm clr		0.31	0.24	0.56	55	NC, SC, S	A
7/8” IG LoE 366 Air 3.1 mm LoE 366 / 16.0mm air / 3.1 mm clr		0.32	0.24	0.57	56	NC, SC, S	A
7/8” IG LoE 366 Air 4.7mm LoE 366 / 13.0mm air / 4.7mm clr		0.31	0.24	0.56	55	NC, SC, S	A
7/8” IG LoE 366 Air 5.7mm LoE 366 / 11.5mm air / 5.7mm clr		0.31	0.25	0.55	54	NC, SC, S	A
7/8” IG LoE 366 Air 3.1 mm LoE 366 / 16.0mm air / 3.1 mm clr	GBG	0.32	0.22	0.51	56	NC, SC, S	A
7/8” IG LoE 366 Air 5.7mm LoE 366 / 11.5mm air / 5.7mm clr	GBG	0.31	0.22	0.49	54	NC, SC, S	A
7/8” IG LoE 366 Air 4.7mm LoE 366 / 13.0mm air / 4.7mm clr	GBG	0.31	0.22	0.50	55	NC, SC, S	A
7/8” IG LoE 366 Air 3.9mm LoE 366 / 14.5mm air / 3.9mm clr	GBG	0.31	0.22	0.50	55	NC, SC, S	A
7/8” IG LoE 272 Argon 4.7mm LoE 272 / 13.0mm argon / 4.7mm clr		0.28	0.36	0.62	58	N, NC	A, B
7/8” IG LoE 272 Argon 3.9mm LoE 272 / 14.5mm argon / 3.9mm clr		0.28	0.36	0.62	58	N, NC	A, B
7/8” IG LoE 272 Argon 5.7mm LoE 272 / 11.5mm argon / 5.7mm clr		0.28	0.35	0.61	57	N, NC	A, B
7/8” IG LoE 272 Argon 3.1 mm LoE 272 / 16.0mm argon / 3.1 mm clr		0.28	0.36	0.63	59	N, NC	A, B

Integrity Windows and Doors NFRC Values

All Ultrex Round Top – Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
7/8” IG LoE 272 Argon 5.7mm LoE 272 / 11.5mm argon / 5.7mm clr	GBG	0.28	0.32	0.55	57	N, NC	A, B
7/8” IG LoE 272 Argon 4.7mm LoE 272 / 13.0mm argon / 4.7mm clr	GBG	0.28	0.32	0.55	58	N, NC	A, B
7/8” IG LoE 272 Argon 3.9mm LoE 272 / 14.5mm argon / 3.9mm clr	GBG	0.28	0.32	0.56	58	N, NC	A, B
7/8” IG LoE 272 Argon 3.1 mm LoE 272 / 16.0mm argon / 3.1 mm clr	GBG	0.28	0.33	0.56	59	N, NC	A, B
7/8” IG LoE 272 Air 3.1 mm LoE 272 / 16.0mm air / 3.1 mm clr		0.32	0.36	0.63	56	NC	A
7/8” IG LoE 272 Air 5.7mm LoE 272 / 11.5mm air / 5.7mm clr		0.32	0.36	0.61	54	NC	A
7/8” IG LoE 272 Air 3.9mm LoE 272 / 14.5mm air / 3.9mm clr		0.32	0.36	0.62	55	NC	A
7/8” IG LoE 272 Air 4.7mm LoE 272 / 13.0mm air / 4.7mm clr		0.32	0.36	0.62	54	NC	A
7/8” IG LoE 272 Air 3.1 mm LoE 272 / 16.0mm air / 3.1 mm clr	GBG	0.32	0.33	0.56	56	NC	A
7/8” IG LoE 272 Air 5.7mm LoE 272 / 11.5mm air / 5.7mm clr	GBG	0.32	0.32	0.55	54	NC	A
7/8” IG LoE 272 Air 3.9mm LoE 272 / 14.5mm air / 3.9mm clr	GBG	0.32	0.33	0.56	55	NC	A
7/8” IG LoE 272 Air 4.7mm LoE 272 / 13.0mm air / 4.7mm clr	GBG	0.32	0.33	0.55	54	NC	A

Integrity Windows and Doors NFRC Values

All Ultrex Round Top – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
7/8" IG Air LoE 180		0.33	0.60	0.69	54		A, B, C, D
3.1 mm clr / 14.5mm air / LoE 180 4.7mm	GBG	0.33	0.54	0.62	54		A, B, C
7/8" IG Argon LoE 180		0.29	0.60	0.69	57	N	A, B, C, D
3.1 mm clr / 14.5mm argon / LoE 180 4.7mm	GBG	0.29	0.54	0.62	57	N	A, B, C, D
7/8" IG LoE 272 Air		0.32	0.36	0.62	54	NC	A
3.1 mm LoE 272 / 14.5mm air / 4.7mm clr	GBG	0.32	0.33	0.56	54	NC	A
7/8" IG LoE 272 Air Obscure		0.32	0.36	0.62	54	NC	A
3.1 mm LoE 272 / 14.5mm air / 4.7mm obscure	GBG	0.32	0.33	0.56	54	NC	A
7/8" IG LoE 272 Argon		0.28	0.36	0.62	58	N, NC	A, B
3.1 mm LoE 272 / 14.5mm argon / 4.7mm clr	GBG	0.28	0.33	0.56	58	N, NC	A, B
7/8" IG LoE 272 Argon Obscure		0.28	0.36	0.62	58	N, NC	A, B
3.1 mm LoE 272 / 14.5mm argon / 4.7mm obscure	GBG	0.28	0.33	0.56	58	N, NC	A, B
7/8" IG LoE 366 Air		0.31	0.24	0.56	55	NC, SC, S	A
3.1 mm LoE 366 / 14.5mm air / 4.7mm clr	GBG	0.31	0.22	0.50	55	NC, SC, S	A
7/8" IG LoE 366 Air Obscure		0.31	0.24	0.56	55	NC, SC, S	A
3.1 mm LoE 366 / 14.5mm air / 4.7mm obscure	GBG	0.31	0.22	0.50	55	NC, SC, S	A
7/8" IG LoE 366 Argon		0.28	0.24	0.56	58	N, NC, SC, S	A, B
3.1 mm LoE 366 / 14.5mm argon / 4.7mm clr	GBG	0.28	0.22	0.50	58	N, NC, SC, S	A, B
7/8" IG LoE 366 Argon Obscure		0.28	0.24	0.56	58	N, NC, SC, S	A, B
3.1 mm LoE 366 / 14.5mm argon / 4.7mm obscure	GBG	0.28	0.22	0.50	58	N, NC, SC, S	A, B
7/8" IG Obscure Air LoE 180		0.33	0.60	0.69	54		A, B, C, D
3.1 mm obscure / 14.5mm air / LoE 180 4.7mm	GBG	0.33	0.54	0.62	54		A, B, C
7/8" IG Obscure Argon LoE 180		0.29	0.60	0.69	57	N	A, B, C, D
3.1 mm obscure / 14.5mm argon / LoE 180 4.7mm	GBG	0.29	0.54	0.62	57	N	A, B, C, D

Integrity Windows and Doors NFRC Values

All Ultrex Sliding Patio Door– Standard Glass

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4” IG LoE 366 Argon Obscure		0.30	0.22	0.52	56	N, NC, SC, S	A
3.1 mm LoE 366 / 13.0mm argon / 3.1 mm obscure	GBG	0.30	0.20	0.45	56	N, NC, SC, S	A
3/4” IG LoE 366 Argon		0.30	0.22	0.52	56	N, NC, SC, S	A
3.1 mm LoE 366 / 13.0mm argon / 3.1 mm clr	GBG	0.30	0.20	0.45	56	N, NC, SC, S	A
3/4” IG LoE 366 Air Obscure		0.33	0.23	0.52	55		
3.1 mm LoE 366 / 13.0mm air / 3.1 mm obscure	GBG	0.33	0.20	0.45	55		
3/4” IG LoE 366 Air		0.33	0.23	0.52	55		
3.1 mm LoE 366 / 13.0mm air / 3.1 mm clr	GBG	0.33	0.20	0.45	55		
3/4” IG LoE 272 Argon Obscure		0.30	0.34	0.58	56		A
3.1 mm LoE 272 / 13.0mm argon / 3.1 mm obscure	GBG	0.30	0.30	0.51	56	N, NC, SC, S	A
3/4” IG LoE 272 Argon		0.30	0.34	0.58	56		A
3.1 mm LoE 272 / 13.0mm argon / 3.1 mm clr	GBG	0.30	0.30	0.51	56	N, NC, SC, S	A
3/4” IG LoE 272 Air Obscure		0.34	0.34	0.58	55		
3.1 mm LoE 272 / 13.0mm air / 3.1 mm obscure	GBG	0.34	0.30	0.51	55		
3/4” IG LoE 272 Air		0.34	0.34	0.58	55		
3.1 mm LoE 272 / 13.0mm air / 3.1 mm clr	GBG	0.34	0.30	0.51	55		
3/4” IG Argon LoE 180		0.33	0.56	0.63	55		A, B, C
3.1 mm clr / 13.0mm argon / LoE 180 3.1 mm	GBG	0.33	0.50	0.55	55		A, B
3/4” IG Air LoE 180		0.36	0.56	0.63	54		
3.1 mm clr / 13.0mm air / LoE 180 3.1 mm	GBG	0.36	0.50	0.55	54		

Integrity Windows and Doors NFRC Values

All Ultrex Sliding Patio Door – STC/OITC Glass Option

Glass Description	Divider	U Factor	SHGC	VT	CR	Energy Star	Canada Energy Star
3/4" IG Air LoE 180	GBG	0.33	0.49	0.56	53		
3.1 mm clr / 11.5mm air / LoE 180 4.7 mm		0.33	0.55	0.63	53		
3/4" IG Argon LoE 180	GBG	0.29	0.49	0.56	57		A, B
3.1 mm clr / 11.5mm argon / LoE 180 4.7 mm		0.29	0.55	0.63	57		A, B, C
3/4" IG LoE 272 Air	GBG	0.32	0.30	0.51	54		
3.1 mm LoE 272 / 11.5mm air / 4.7 mm clr		0.32	0.34	0.58	54		
3/4" IG LoE 272 Air Obscure	GBG	0.32	0.30	0.51	54		
3.1 mm LoE 272 / 11.5mm air / 4.7 mm obscure		0.32	0.34	0.58	54		
3/4" IG LoE 272 Argon	GBG	0.28	0.30	0.51	57	N, NC, SC, S	A
3.1 mm LoE 272 / 11.5mm argon / 4.7 mm clr		0.28	0.34	0.58	57		A
3/4" IG LoE 272 Argon Obscure	GBG	0.28	0.30	0.51	57	N, NC, SC, S	A
3.1 mm LoE 272 / 11.5mm argon / 4.7 mm obscure		0.28	0.34	0.58	57		A
3/4" IG LoE 366 Air	GBG	0.31	0.20	0.46	54		
3.1 mm LoE 366 / 11.5mm air / 4.7 mm clr		0.31	0.23	0.52	54		
3/4" IG LoE 366 Air Obscure	GBG	0.31	0.20	0.46	54		
3.1 mm LoE 366 / 11.5mm air / 4.7 mm obscure		0.31	0.23	0.52	54		
3/4" IG LoE 366 Argon	GBG	0.27	0.20	0.46	58	N, NC, SC, S	A
3.1 mm LoE 366 / 11.5mm argon / 4.7 mm clr		0.27	0.23	0.52	58	N, NC, SC, S	A
3/4" IG LoE 366 Argon Obscure	GBG	0.27	0.20	0.46	58	N, NC, SC, S	A
3.1 mm LoE 366 / 11.5mm argon / 4.7 mm obscure		0.27	0.23	0.52	58	N, NC, SC, S	A