

WINDOWS & DOORS LISTING PROGRAM

Customer: Window Seal West Inc.
Class: Fenestration Products – Energy Performance
Location: Calgary, Alberta
Website: www.windows-west.ca

Listing No. W546-1
Project No. W546-1 ED5
Effective Date: March 14, 2017
Last Revised Date: September 27, 2021
Expires: N/A

Standards: CSA A440.2-14 “Fenestration Energy Performance”

Product: Vinyl Windows

Markings: Products are marked with the following content in a permanent manner where it is readily visible after installation:

- a) Manufacturer’s name, Trademark or other recognized symbol or identification.
- b) QAI file Number: W546
- c) QAI logo shown here:



- d) “Evaluation for energy performance in accordance with CSA A440.2” / “Évalué pour la performance d’énergie en accord à la norme CSA A440.2”

Models / Ratings:

SGI005 Low Fixed Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG05LFX-3,SB60(2)-3,CL-16AR90SP	1.52	0.34	26
G02	WSW-SG05LFX-3,CL-3,S400(3)-16AR90SP	1.67	0.59	38
G03	WSW-SG05LFX-3,CL-3,CL-3,S400(5)-6AR90SP	1.56	0.52	36
G04	WSW-SG05LFX-3,SB60(2)-3,CL-3,CL-6AR90SP	1.51	0.32	25

SGI005 Casement Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG05CA-3,SB60(2)-3,CL-16AR90SP	1.55	0.26	21
G02	WSW-SG05CA-3,CL-3,S400(3)-16AR90SP	1.66	0.44	29
G03	WSW-SG05CA-3,CL-3,CL-3,S400(5)-6AR90SP	1.59	0.39	28
G04	WSW-SG05CA-3,SB60(2)-3,CL-3,CL-6AR90SP	1.55	0.24	20

SGI005 Awning Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG05AW-3,SB60(2)-3,CL-16AR90SP	1.57	0.26	20
G02	WSW-SG05AW-3,CL-3,S400(3)-16AR90SP	1.67	0.44	29
G03	WSW-SG05AW-3,CL-3,CL-3,S400(5)-6AR90SP	1.60	0.39	27
G04	WSW-SG05AW-3,SB60(2)-3,CL-3,CL-6AR90SP	1.56	0.24	20

SGI005 Fixed Casement Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG05FC-3,SB60(2)-3,CL-16AR90SP	1.51	0.30	24
G02	WSW-SG05FC-3,CL-3,S400(3)-16AR90SP	1.63	0.52	34
G03	WSW-SG05FC-3,CL-3,CL-3,S400(5)-6AR90SP	1.54	0.46	33
G04	WSW-SG05FC-3,SB60(2)-3,CL-3,CL-6AR90SP	1.50	0.28	23

SGI005 Single Slider Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG05SS-3,SB60(2)-3,CL-16AR90SP	1.64	0.31	21
G02	WSW-SG05SS-3,CL-3,S400(3)-16AR90SP	1.77	0.52	30
G03	WSW-SG05SS-3,CL-3,CL-3,S400(5)-6AR90SP	1.68	0.46	29
G04	WSW-SG05SS-3,SB60(2)-3,CL-3,CL-6AR90SP	1.64	0.29	20

SGI016 Awning Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG16AW-3,SB60(2)-3,CL-16AR90SP	1.49	0.26	22
G02	WSW-SG16AW-3,SB60(2)-3,CL-16AR90IU	1.58	0.26	20
G03	WSW-SG16AW-3,CL-3,S400(3)-16AR90SP	1.60	0.44	30
G04	WSW-SG16AW-3,CL-3,S400(3)-16AR90IU	1.68	0.45	29
G05	WSW-SG16AW-3,SB60(2)-3,CL-3,CL-13AR90SP	1.20	0.24	27
G06	WSW-SG16AW-3,SB60(2)-3,CL-3,CL-13AR90IU	1.30	0.24	25
G07	WSW-SG16AW-3,CL-3,CL-3,S400(5)-13AR90SP	1.24	0.40	35
G08	WSW-SG16AW-3,CL-3,CL-3,S400(5)-13AR90IU	1.34	0.40	33

SGI016 Casement Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG16CA-3,SB60(2)-3,CL-16AR90SP	1.47	0.26	22
G02	WSW-SG16CA-3,SB60(2)-3,CL-16AR90IU	1.56	0.26	20
G03	WSW-SG16CA-3,CL-3,S400(3)-16AR90SP	1.57	0.44	31
G04	WSW-SG16CA-3,CL-3,S400(3)-16AR90IU	1.66	0.44	29
G05	WSW-SG16CA-3,SB60(2)-3,CL-3,CL-13AR90SP	1.18	0.24	28
G06	WSW-SG16CA-3,SB60(2)-3,CL-3,CL-13AR90IU	1.29	0.24	25
G07	WSW-SG16CA-3,CL-3,CL-3,S400(5)-13AR90SP	1.22	0.39	35
G08	WSW-SG16CA-3,CL-3,CL-3,S400(5)-13AR90IU	1.32	0.39	33

SGI016 Fixed Casement Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG16FC-3,SB60(2)-3,CL-16AR90SP	1.48	0.31	25
G02	WSW-SG16FC-3,SB60(2)-3,CL-16AR90IU	1.54	0.31	24
G03	WSW-SG16FC-3,CL-3,S400(3)-16AR90SP	1.61	0.53	35
G04	WSW-SG16FC-3,CL-3,S400(3)-16AR90IU	1.66	0.53	34
G05	WSW-SG16FC-3,SB60(2)-3,CL-3,CL-13AR90SP	1.16	0.28	31
G06	WSW-SG16FC-3,SB60(2)-3,CL-3,CL-13AR90IU	1.22	0.28	29
G07	WSW-SG16FC-3,CL-3,CL-3,S400(5)-13AR90SP	1.20	0.47	41
G08	WSW-SG16FC-3,CL-3,CL-3,S400(5)-13AR90IU	1.26	0.47	39

SGI016 Low Fixed Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG16LFX-3,SB60(2)-3,CL-16AR90SP	1.49	0.34	27
G02	WSW-SG16LFX-3,SB60(2)-3,CL-16AR90IU	1.55	0.34	25
G03	WSW-SG16LFX-3,CL-3,S400(3)-16AR90SP	1.63	0.59	38
G04	WSW-SG16LFX-3,CL-3,S400(3)-16AR90IU	1.69	0.59	37
G05	WSW-SG16LFX-3,SB60(2)-3,CL-3,CL-13AR90SP	1.12	0.32	34
G06	WSW-SG16LFX-3,SB60(2)-3,CL-3,CL-13AR90IU	1.20	0.32	32
G07	WSW-SG16LFX-3,CL-3,CL-3,S400(5)-13AR90SP	1.17	0.52	44
G08	WSW-SG16LFX-3,CL-3,CL-3,S400(5)-13AR90IU	1.24	0.52	43

SGI010 Double Hung Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG10DH-3,CL-3,S400(3)-16AR90IU	1.75	0.51	31
G02	WSW-SG10DH-3,CL-3,SB60(3)-16AR90IU	1.63	0.37	25
G03	WSW-SG10DH-3,SB60(2)-3,CL-3,CL-7AR90IU	1.60	0.28	21
G04	WSW-SG10DH-3,CL-3,CL-3,S400(5)-7AR90IU	1.65	0.47	30
G05	WSW-SG10DH-3,CL-3,S400(3)-16AR90SP	1.72	0.51	31
G06	WSW-SG10DH-3,CL-3,SB60(3)-16AR90SP	1.60	0.37	26
G07	WSW-SG10DH-3,SB60(2)-3,CL-3,CL-7AR90SP	1.58	0.28	21
G08	WSW-SG10DH-3,CL-3,CL-3,S400(5)-7AR90SP	1.63	0.47	31

SGI010 Double Slider Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG10DS-3,CL-3,S400(3)-16AR90IU	1.76	0.51	29
G02	WSW-SG10DS-3,CL-3,SB60(3)-16AR90IU	1.64	0.37	23
G03	WSW-SG10DS-3,SB60(2)-3,CL-3,CL-7AR90IU	1.60	0.28	19
G04	WSW-SG10DS-3,CL-3,CL-3,S400(5)-7AR90IU	1.65	0.47	29
G05	WSW-SG10DS-3,CL-3,S400(3)-16AR90SP	1.73	0.51	29
G06	WSW-SG10DS-3,CL-3,SB60(3)-16AR90SP	1.61	0.37	24
G07	WSW-SG10DS-3,SB60(2)-3,CL-3,CL-7AR90SP	1.59	0.28	19
G08	WSW-SG10DS-3,CL-3,CL-3,S400(5)-7AR90SP	1.63	0.47	29

SGI010 Single Hung Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-SG10SH-3,CL-3,S400(3)-16AR90IU	1.62	0.54	35
G02	WSW-SG10SH-3,CL-3,SB60(3)-16AR90IU	1.63	0.38	25
G03	WSW-SG10SH-3,SB60(2)-3,CL-3,CL-7AR90IU	1.61	0.29	21
G04	WSW-SG10SH-3,CL-3,CL-3,S400(5)-7AR90IU	1.65	0.49	31
G05	WSW-SG10SH-3,CL-3,S400(3)-16AR90SP	1.73	0.53	32
G06	WSW-SG10SH-3,CL-3,SB60(3)-16AR90SP	1.61	0.38	26
G07	WSW-SG10SH-3,SB60(2)-3,CL-3,CL-7AR90SP	1.59	0.29	21
G08	WSW-SG10SH-3,CL-3,CL-3,S400(5)-7AR90SP	1.64	0.49	31

248-100 Single Slider Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-2481SS-3,7257(2)-3,CL-16AR97EE	1.60	0.36	25
G02	WSW-2481SS-3,7257(2)-3,CL-16AR97EE-G<1	1.60	0.32	22
G03	WSW-2481SS-3,SB60(2)-3,CL-16AR97EE	1.58	0.31	22
G04	WSW-2481SS-3,SB60(2)-3,CL-16AR97EE-G<1	1.58	0.28	21
G05	WSW-2481SS-3,CL-3,S400(3)-16AR97EE	1.71	0.54	33
G06	WSW-2481SS-3,CL-3,S400(3)-16AR97EE-G<1	1.71	0.48	29
G07	WSW-2481SS-3,7257(2)-3,CL-3,CL-6AR97EE	1.58	0.34	24
G08	WSW-2481SS-3,8071(2)-3,CL-3,CL-6AR97EE	1.61	0.47	31
G09	WSW-2481SS-3,SB60(2)-3,CL-3,CL-6AR97EE	1.58	0.29	21
G10	WSW-2481SS-3,CL-3,CL-3,S400(5)-6AR97EE	1.62	0.49	32
G11	WSW-2481SS-3,CL-3,8071(3)-16AR95EE	1.66	0.55	34
G12	WSW-2481SS-3,CL-3,8071(3)-16AR95EE-G<1	1.66	0.49	31
G13	WSW-2481SS-3,7036(2)-3,CL-16AR95EE	1.59	0.30	22
G14	WSW-2481SS-3,7036(2)-3,CL-16AR95EE-G<1	1.59	0.27	20
G15	WSW-2481SS-3,8071(2)-3,CL-3,8071(5)-6AR95EE	1.40	0.45	34
G16	WSW-2481SS-3,8071(2)-3,8071(4)-3,IS20(6)-6AR95EE	1.26	0.42	36
G17	WSW-2481SS-3,7036(2)-3,CL-3,7036(5)-6AR95EE	1.35	0.26	24
G18	WSW-2481SS-3,7036(2)-3,CL-3,CL-6AR95EE	1.58	0.28	21
G19	WSW-2481SS-3,7036(2)-3,CL-3,8071(5)-6AR95EE	1.37	0.27	25

248-300 Low Fixed Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-2483LFX-3,7257(2)-3,CL-16AR97EE	1.50	0.41	31
G02	WSW-2483LFX-3,7257(2)-3,CL-16AR97EE-G<1	1.50	0.37	29
G03	WSW-2483LFX-3,SB60(2)-3,CL-16AR97EE	1.48	0.35	28
G04	WSW-2483LFX-3,SB60(2)-3,CL-16AR97EE-G<1	1.48	0.31	25
G05	WSW-2483LFX-3,CL-3,S400(3)-16AR97EE	1.62	0.61	40
G06	WSW-2483LFX-3,CL-3,S400(3)-16AR97EE-G<1	1.62	0.55	36
G07	WSW-2483LFX-3,7257(2)-3,CL-3,CL-13AR97EE	1.14	0.38	37
G08	WSW-2483LFX-3,7257(2)-3,CL-3,CL-13AR97EE-G<1	1.14	0.34	35
G09	WSW-2483LFX-3,8071(2)-3,CL-3,CL-13AR97EE	1.18	0.53	45
G10	WSW-2483LFX-3,8071(2)-3,CL-3,CL-13AR97EE-G<1	1.18	0.48	42
G11	WSW-2483LFX-3,SB60(2)-3,CL-3,CL-13AR97EE	1.13	0.32	34
G12	WSW-2483LFX-3,SB60(2)-3,CL-3,CL-13AR97EE-G<1	1.13	0.29	32
G13	WSW-2483LFX-3,CL-3,CL-3,S400(5)-13AR97EE	1.18	0.55	46
G14	WSW-2483LFX-3,CL-3,CL-3,S400(5)-13AR97EE-G<1	1.18	0.50	43
G15	WSW-2483LFX-3,CL-3,8071(3)-16AR95EE	1.57	0.62	41
G16	WSW-2483LFX-3,CL-3,8071(3)-16AR95EE-G<1	1.57	0.56	38
G17	WSW-2483LFX-3,7036(2)-3,CL-16AR95EE	1.48	0.33	27
G18	WSW-2483LFX-3,7036(2)-3,CL-16AR95EE-G<1	1.48	0.30	25
G19	WSW-2483LFX-3,8071(2)-3,CL-3,8071(5)-13AR95EE	0.90	0.51	50
G20	WSW-2483LFX-3,8071(2)-3,CL-3,8071(5)-13AR95EE-G<1	0.90	0.46	47
G21	WSW-2483LFX-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE	0.82	0.48	50
G22	WSW-2483LFX-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE-G<1	0.82	0.44	47
G23	WSW-2483LFX-3,7036(2)-3,CL-3,7036(5)-13AR95EE	0.84	0.29	38
G24	WSW-2483LFX-3,7036(2)-3,CL-3,7036(5)-13AR95EE-G<1	0.84	0.26	37
G25	WSW-2483LFX-3,7036(2)-3,CL-3,CL-13AR95EE	1.13	0.31	33
G26	WSW-2483LFX-3,7036(2)-3,CL-3,CL-13AR95EE-G<1	1.13	0.28	31
G27	WSW-2483LFX-3,7036(2)-3,CL-3,8071(5)-13AR95EE	0.87	0.30	38
G28	WSW-2483LFX-3,7036(2)-3,CL-3,8071(5)-13AR95EE-G<1	0.87	0.28	37

248-300 High Fixed Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-2483HFX-3,7257(2)-3,CL-16AR97EE	1.46	0.37	29
G02	WSW-2483HFX-3,7257(2)-3,CL-16AR97EE-G<1	1.46	0.33	27
G03	WSW-2483HFX-3,SB60(2)-3,CL-16AR97EE	1.44	0.31	26
G04	WSW-2483HFX-3,SB60(2)-3,CL-16AR97EE-G<1	1.44	0.28	25
G05	WSW-2483HFX-3,CL-3,S400(3)-16AR97EE	1.57	0.55	37
G06	WSW-2483HFX-3,CL-3,S400(3)-16AR97EE-G<1	1.57	0.49	34
G07	WSW-2483HFX-3,7257(2)-3,CL-3,CL-13AR97EE	1.13	0.34	35
G08	WSW-2483HFX-3,7257(2)-3,CL-3,CL-13AR97EE-G<1	1.13	0.31	33

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G09	WSW-2483HFX-3,8071(2)-3,CL-3,CL-13AR97EE	1.17	0.48	42
G10	WSW-2483HFX-3,8071(2)-3,CL-3,CL-13AR97EE-G<1	1.17	0.43	39
G11	WSW-2483HFX-3,SB60(2)-3,CL-3,CL-13AR97EE	1.12	0.29	32
G12	WSW-2483HFX-3,SB60(2)-3,CL-3,CL-13AR97EE-G<1	1.12	0.26	30
G13	WSW-2483HFX-3,CL-3,CL-3,S400(5)-13AR97EE	1.17	0.50	43
G14	WSW-2483HFX-3,CL-3,CL-3,S400(5)-13AR97EE-G<1	1.17	0.45	40
G15	WSW-2483HFX-3,CL-3,8071(3)-16AR95EE	1.52	0.56	39
G16	WSW-2483HFX-3,CL-3,8071(3)-16AR95EE-G<1	1.52	0.50	36
G17	WSW-2483HFX-3,7036(2)-3,CL-16AR95EE	1.45	0.30	26
G18	WSW-2483HFX-3,7036(2)-3,CL-16AR95EE-G<1	1.45	0.27	24
G19	WSW-2483HFX-3,8071(2)-3,CL-3,8071(5)-13AR95EE	0.92	0.46	46
G20	WSW-2483HFX-3,8071(2)-3,CL-3,8071(5)-13AR95EE-G<1	0.92	0.41	44
G21	WSW-2483HFX-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE	0.84	0.43	46
G22	WSW-2483HFX-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE-G<1	0.84	0.39	44
G23	WSW-2483HFX-3,7036(2)-3,CL-3,7036(5)-13AR95EE	0.86	0.26	36
G24	WSW-2483HFX-3,7036(2)-3,CL-3,7036(5)-13AR95EE-G<1	0.86	0.23	34
G25	WSW-2483HFX-3,7036(2)-3,CL-3,CL-13AR95EE	1.13	0.28	31
G26	WSW-2483HFX-3,7036(2)-3,CL-3,CL-13AR95EE-G<1	1.13	0.25	30
G27	WSW-2483HFX-3,7036(2)-3,CL-3,8071(5)-13AR95EE	0.89	0.27	36
G28	WSW-2483HFX-3,7036(2)-3,CL-3,8071(5)-13AR95EE-G<1	0.89	0.25	35

248-300 Casement Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-2483CA-3,7257(2)-3,CL-16AR97EE	1.50	0.31	25
G02	WSW-2483CA-3,7257(2)-3,CL-16AR97EE-G<1	1.50	0.28	23
G03	WSW-2483CA-3,SB60(2)-3,CL-16AR97EE	1.48	0.27	23
G04	WSW-2483CA-3,SB60(2)-3,CL-16AR97EE-G<1	1.48	0.24	21
G05	WSW-2483CA-3,CL-3,S400(3)-16AR97EE	1.59	0.47	32
G06	WSW-2483CA-3,CL-3,S400(3)-16AR97EE-G<1	1.59	0.42	29
G07	WSW-2483CA-3,7257(2)-3,CL-3,CL-13AR97EE	1.22	0.29	30
G08	WSW-2483CA-3,7257(2)-3,CL-3,CL-13AR97EE-G<1	1.22	0.26	28
G09	WSW-2483CA-3,8071(2)-3,CL-3,CL-13AR97EE	1.24	0.41	36
G10	WSW-2483CA-3,8071(2)-3,CL-3,CL-13AR97EE-G<1	1.24	0.37	34
G11	WSW-2483CA-3,SB60(2)-3,CL-3,CL-13AR97EE	1.21	0.25	28
G12	WSW-2483CA-3,SB60(2)-3,CL-3,CL-13AR97EE-G<1	1.21	0.23	26
G13	WSW-2483CA-3,CL-3,CL-3,S400(5)-13AR97EE	1.25	0.42	36
G14	WSW-2483CA-3,CL-3,CL-3,S400(5)-13AR97EE-G<1	1.25	0.38	34
G15	WSW-2483CA-3,CL-3,8071(3)-16AR95EE	1.55	0.47	33
G16	WSW-2483CA-3,CL-3,8071(3)-16AR95EE-G<1	1.55	0.43	30
G17	WSW-2483CA-3,7036(2)-3,CL-16AR95EE	1.49	0.26	22
G18	WSW-2483CA-3,7036(2)-3,CL-16AR95EE-G<1	1.49	0.23	20

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G19	WSW-2483CA-3,8071(2)-3,CL-3,8071(5)-13AR95EE	1.03	0.39	40
G20	WSW-2483CA-3,8071(2)-3,CL-3,8071(5)-13AR95EE-G<1	1.03	0.35	37
G21	WSW-2483CA-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE	0.97	0.37	40
G22	WSW-2483CA-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE-G<1	0.97	0.34	38
G23	WSW-2483CA-3,7036(2)-3,CL-3,7036(5)-13AR95EE	0.99	0.22	31
G24	WSW-2483CA-3,7036(2)-3,CL-3,7036(5)-13AR95EE-G<1	0.99	0.20	29
G25	WSW-2483CA-3,7036(2)-3,CL-3,CL-13AR95EE	1.21	0.24	27
G26	WSW-2483CA-3,7036(2)-3,CL-3,CL-13AR95EE-G<1	1.21	0.22	26
G27	WSW-2483CA-3,7036(2)-3,CL-3,8071(5)-13AR95EE	1.01	0.23	31
G28	WSW-2483CA-3,7036(2)-3,CL-3,8071(5)-13AR95EE-G<1	1.01	0.21	30

248-300 Awning Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-2483AW-3,7257(2)-3,CL-16AR97EE	1.51	0.31	24
G02	WSW-2483AW-3,7257(2)-3,CL-16AR97EE-G<1	1.51	0.28	22
G03	WSW-2483AW-3,SB60(2)-3,CL-16AR97EE	1.49	0.27	22
G04	WSW-2483AW-3,SB60(2)-3,CL-16AR97EE-G<1	1.49	0.24	20
G05	WSW-2483AW-3,CL-3,S400(3)-16AR97EE	1.60	0.47	31
G06	WSW-2483AW-3,CL-3,S400(3)-16AR97EE-G<1	1.60	0.42	28
G07	WSW-2483AW-3,7257(2)-3,CL-3,CL-13AR97EE	1.22	0.29	29
G08	WSW-2483AW-3,7257(2)-3,CL-3,CL-13AR97EE-G<1	1.22	0.26	28
G09	WSW-2483AW-3,8071(2)-3,CL-3,CL-13AR97EE	1.25	0.41	36
G10	WSW-2483AW-3,8071(2)-3,CL-3,CL-13AR97EE-G<1	1.25	0.37	33
G11	WSW-2483AW-3,SB60(2)-3,CL-3,CL-13AR97EE	1.21	0.25	27
G12	WSW-2483AW-3,SB60(2)-3,CL-3,CL-13AR97EE-G<1	1.21	0.23	26
G13	WSW-2483AW-3,CL-3,CL-3,S400(5)-13AR97EE	1.25	0.42	36
G14	WSW-2483AW-3,CL-3,CL-3,S400(5)-13AR97EE-G<1	1.25	0.38	34
G15	WSW-2483AW-3,CL-3,8071(3)-16AR95EE	1.56	0.47	32
G16	WSW-2483AW-3,CL-3,8071(3)-16AR95EE-G<1	1.56	0.43	30
G17	WSW-2483AW-3,7036(2)-3,CL-16AR95EE	1.50	0.26	21
G18	WSW-2483AW-3,7036(2)-3,CL-16AR95EE-G<1	1.50	0.23	20
G19	WSW-2483AW-3,8071(2)-3,CL-3,8071(5)-13AR95EE	1.04	0.39	39
G20	WSW-2483AW-3,8071(2)-3,CL-3,8071(5)-13AR95EE-G<1	1.04	0.35	37
G21	WSW-2483AW-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE	0.98	0.37	39
G22	WSW-2483AW-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE-G<1	0.98	0.34	37
G23	WSW-2483AW-3,7036(2)-3,CL-3,7036(5)-13AR95EE	0.99	0.22	30
G24	WSW-2483AW-3,7036(2)-3,CL-3,7036(5)-13AR95EE-G<1	0.99	0.20	29
G25	WSW-2483AW-3,7036(2)-3,CL-3,CL-13AR95EE	1.21	0.24	27
G26	WSW-2483AW-3,7036(2)-3,CL-3,CL-13AR95EE-G<1	1.21	0.22	25
G27	WSW-2483AW-3,7036(2)-3,CL-3,8071(5)-13AR95EE	1.01	0.23	30
G28	WSW-2483AW-3,7036(2)-3,CL-3,8071(5)-13AR95EE-G<1	1.01	0.21	29

248-2000 Single Slider Window

GO #	Model Code	U-Value (W/m²K)	Product SHGC	Energy Rating
G01	WSW-2482SS-3,7257(2)-3,CL-16AR97EE	1.57	0.36	26
G02	WSW-2482SS-3,7257(2)-3,CL-16AR97EE-G<1	1.57	0.32	24
G03	WSW-2482SS-3,SB60(2)-3,CL-16AR97EE	1.55	0.30	23
G04	WSW-2482SS-3,SB60(2)-3,CL-16AR97EE-G<1	1.55	0.27	21
G05	WSW-2482SS-3,CL-3,S400(3)-16AR97EE	1.68	0.54	34
G06	WSW-2482SS-3,CL-3,S400(3)-16AR97EE-G<1	1.68	0.48	31
G07	WSW-2482SS-3,7257(2)-3,CL-3,CL-11AR97EE	1.27	0.33	31
G08	WSW-2482SS-3,7257(2)-3,CL-3,CL-11AR97EE-G<1	1.31	0.30	28
G09	WSW-2482SS-3,8071(2)-3,CL-3,CL-11AR97EE	1.31	0.47	38
G10	WSW-2482SS-3,8071(2)-3,CL-3,CL-11AR97EE-G<1	1.35	0.42	34
G11	WSW-2482SS-3,SB60(2)-3,CL-3,CL-11AR97EE	1.26	0.28	28
G12	WSW-2482SS-3,SB60(2)-3,CL-3,CL-11AR97EE-G<1	1.30	0.26	26
G13	WSW-2482SS-3,CL-3,CL-3,S400(5)-11AR97EE	1.33	0.49	39
G14	WSW-2482SS-3,CL-3,CL-3,S400(5)-11AR97EE-G<1	1.33	0.44	36
G15	WSW-2482SS-3,7257(2)-3,CL-3,CL-13AR97EE	1.26	0.33	31
G16	WSW-2482SS-3,7257(2)-3,CL-3,CL-13AR97EE-G<1	1.26	0.30	29
G17	WSW-2482SS-3,8071(2)-3,CL-3,CL-13AR97EE	1.29	0.47	39
G18	WSW-2482SS-3,8071(2)-3,CL-3,CL-13AR97EE-G<1	1.29	0.42	36
G19	WSW-2482SS-3,SB60(2)-3,CL-3,CL-13AR97EE	1.25	0.28	28
G20	WSW-2482SS-3,SB60(2)-3,CL-3,CL-13AR97EE-G<1	1.25	0.25	27
G21	WSW-2482SS-3,CL-3,CL-3,S400(5)-13AR97EE	1.30	0.49	39
G22	WSW-2482SS-3,CL-3,CL-3,S400(5)-13AR97EE-G<1	1.30	0.44	37
G23	WSW-2482SS-3,CL-3,8071(3)-16AR95EE	1.63	0.54	35
G24	WSW-2482SS-3,CL-3,8071(3)-16AR95EE-G<1	1.63	0.49	32
G25	WSW-2482SS-3,7036(2)-3,CL-16AR95EE	1.56	0.29	22
G26	WSW-2482SS-3,7036(2)-3,CL-16AR95EE-G<1	1.56	0.26	20
G27	WSW-2482SS-3,8071(2)-3,CL-3,8071(5)-11AR95EE	1.08	0.45	42
G28	WSW-2482SS-3,8071(2)-3,CL-3,8071(5)-11AR95EE-G<1	1.10	0.40	39
G29	WSW-2482SS-3,8071(2)-3,8071(4)-3,IS20(6)-11AR95EE	1.01	0.42	42
G30	WSW-2482SS-3,8071(2)-3,8071(4)-3,IS20(6)-11AR95EE-G<1	1.02	0.38	39
G31	WSW-2482SS-3,7036(2)-3,CL-3,7036(5)-11AR95EE	1.03	0.25	31
G32	WSW-2482SS-3,7036(2)-3,CL-3,7036(5)-11AR95EE-G<1	1.05	0.23	30
G33	WSW-2482SS-3,7036(2)-3,CL-3,CL-11AR95EE	1.27	0.27	27
G34	WSW-2482SS-3,7036(2)-3,CL-3,CL-11AR95EE-G<1	1.31	0.25	25
G35	WSW-2482SS-3,7036(2)-3,CL-3,8071(5)-11AR95EE	1.06	0.27	32
G36	WSW-2482SS-3,7036(2)-3,CL-3,8071(5)-11AR95EE-G<1	1.08	0.24	30
G37	WSW-2482SS-3,8071(2)-3,CL-3,8071(5)-13AR95EE	1.05	0.45	43
G38	WSW-2482SS-3,8071(2)-3,CL-3,8071(5)-13AR95EE-G<1	1.05	0.40	40
G39	WSW-2482SS-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE	0.98	0.42	42
G40	WSW-2482SS-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE-G<1	0.98	0.38	40
G41	WSW-2482SS-3,7036(2)-3,CL-3,7036(5)-13AR95EE	0.99	0.25	32
G42	WSW-2482SS-3,7036(2)-3,CL-3,7036(5)-13AR95EE-G<1	0.99	0.23	31
G43	WSW-2482SS-3,7036(2)-3,CL-3,CL-13AR95EE	1.25	0.27	28

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G44	WSW-2482SS-3,7036(2)-3,CL-3,CL-13AR95EE-G<1	1.25	0.25	27
G45	WSW-2482SS-3,7036(2)-3,CL-3,8071(5)-13AR95EE	1.02	0.27	33
G46	WSW-2482SS-3,7036(2)-3,CL-3,8071(5)-13AR95EE-G<1	1.02	0.24	31

248-2000 Single Hung Window

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G01	WSW-2482SH-3,7257(2)-3,CL-16AR97EE	1.56	0.36	26
G02	WSW-2482SH-3,7257(2)-3,CL-16AR97EE-G<1	1.56	0.32	24
G03	WSW-2482SH-3,SB60(2)-3,CL-16AR97EE	1.54	0.30	23
G04	WSW-2482SH-3,SB60(2)-3,CL-16AR97EE-G<1	1.54	0.27	21
G05	WSW-2482SH-3,CL-3,S400(3)-16AR97EE	1.66	0.53	34
G06	WSW-2482SH-3,CL-3,S400(3)-16AR97EE-G<1	1.66	0.48	31
G07	WSW-2482SH-3,7257(2)-3,CL-3,CL-11AR97EE	1.27	0.33	31
G08	WSW-2482SH-3,7257(2)-3,CL-3,CL-11AR97EE-G<1	1.31	0.30	28
G09	WSW-2482SH-3,8071(2)-3,CL-3,CL-11AR97EE	1.31	0.47	38
G10	WSW-2482SH-3,8071(2)-3,CL-3,CL-11AR97EE-G<1	1.34	0.42	35
G11	WSW-2482SH-3,SB60(2)-3,CL-3,CL-11AR97EE	1.26	0.28	28
G12	WSW-2482SH-3,SB60(2)-3,CL-3,CL-11AR97EE-G<1	1.30	0.25	26
G13	WSW-2482SH-3,CL-3,CL-3,S400(5)-11AR97EE	1.32	0.48	38
G14	WSW-2482SH-3,CL-3,CL-3,S400(5)-11AR97EE-G<1	1.32	0.43	36
G15	WSW-2482SH-3,7257(2)-3,CL-3,CL-13AR97EE	1.25	0.33	31
G16	WSW-2482SH-3,7257(2)-3,CL-3,CL-13AR97EE-G<1	1.25	0.30	30
G17	WSW-2482SH-3,8071(2)-3,CL-3,CL-13AR97EE	1.29	0.47	39
G18	WSW-2482SH-3,8071(2)-3,CL-3,CL-13AR97EE-G<1	1.29	0.42	36
G19	WSW-2482SH-3,SB60(2)-3,CL-3,CL-13AR97EE	1.24	0.28	29
G20	WSW-2482SH-3,SB60(2)-3,CL-3,CL-13AR97EE-G<1	1.24	0.25	27
G21	WSW-2482SH-3,CL-3,CL-3,S400(5)-13AR97EE	1.29	0.48	39
G22	WSW-2482SH-3,CL-3,CL-3,S400(5)-13AR97EE-G<1	1.29	0.43	36
G23	WSW-2482SH-3,CL-3,8071(3)-16AR95EE	1.62	0.54	35
G24	WSW-2482SH-3,CL-3,8071(3)-16AR95EE-G<1	1.62	0.49	32
G25	WSW-2482SH-3,7036(2)-3,CL-16AR95EE	1.55	0.29	22
G26	WSW-2482SH-3,7036(2)-3,CL-16AR95EE-G<1	1.55	0.26	21
G27	WSW-2482SH-3,8071(2)-3,CL-3,8071(5)-11AR95EE	1.08	0.45	42
G28	WSW-2482SH-3,8071(2)-3,CL-3,8071(5)-11AR95EE-G<1	1.10	0.40	39
G29	WSW-2482SH-3,8071(2)-3,8071(4)-3,IS20(6)-11AR95EE	1.00	0.42	42
G30	WSW-2482SH-3,8071(2)-3,8071(4)-3,IS20(6)-11AR95EE-G<1	1.02	0.38	39
G31	WSW-2482SH-3,7036(2)-3,CL-3,7036(5)-11AR95EE	1.03	0.25	31
G32	WSW-2482SH-3,7036(2)-3,CL-3,7036(5)-11AR95EE-G<1	1.04	0.23	30
G33	WSW-2482SH-3,7036(2)-3,CL-3,CL-11AR95EE	1.26	0.27	28
G34	WSW-2482SH-3,7036(2)-3,CL-3,CL-11AR95EE-G<1	1.30	0.24	25
G35	WSW-2482SH-3,7036(2)-3,CL-3,8071(5)-11AR95EE	1.05	0.27	32

GO #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
G36	WSW-2482SH-3,7036(2)-3,CL-3,8071(5)-11AR95EE-G<1	1.07	0.24	30
G37	WSW-2482SH-3,8071(2)-3,CL-3,8071(5)-13AR95EE	1.04	0.45	43
G38	WSW-2482SH-3,8071(2)-3,CL-3,8071(5)-13AR95EE-G<1	1.04	0.40	40
G39	WSW-2482SH-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE	0.97	0.42	43
G40	WSW-2482SH-3,8071(2)-3,8071(4)-3,IS20(6)-13AR95EE-G<1	0.97	0.38	40
G41	WSW-2482SH-3,7036(2)-3,CL-3,7036(5)-13AR95EE	0.99	0.25	32
G42	WSW-2482SH-3,7036(2)-3,CL-3,7036(5)-13AR95EE-G<1	0.99	0.23	31
G43	WSW-2482SH-3,7036(2)-3,CL-3,CL-13AR95EE	1.25	0.27	28
G44	WSW-2482SH-3,7036(2)-3,CL-3,CL-13AR95EE-G<1	1.25	0.24	26
G45	WSW-2482SH-3,7036(2)-3,CL-3,8071(5)-13AR95EE	1.02	0.27	33
G46	WSW-2482SH-3,7036(2)-3,CL-3,8071(5)-13AR95EE-G<1	1.02	0.24	31

Notes: Windows and doors are not intended for installation in storefronts, non-operable portions of curtain wall, fixed glazing cast into precast concrete panels, greenhouses, skylights or sloped glazing. Test procedures are designed to test the performance of the test specimen only and are not necessarily used to test the performance of the installation, particularly the perimeter sealant joint and anchoring of the assembly.

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warranty is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.