

## WINDOWS LISTING PROGRAM

Customer: Becker Window and Door Industries Ltd.  
 Class: Windows – Energy Performance  
 Location: Toronto, ON  
 Website: [www.beckerwindows.ca](http://www.beckerwindows.ca)

Listing No. W566-1  
 Project No. W566-1 ED2

Effective Date: August 14, 2018  
 Last Revised Date: April 30, 2021

Standards: CSA A440.2-14 Fenestration Energy Performance

Product: Vinyl Windows

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

- a) Manufacturer’s name or trademark
- b) QAI logo with ‘c’ identifier
- c) QAI file Number: W566
- d) The wording “Evaluated for energy performance in accordance with CSA A440.2”
- e) The wording “Évalué pour la performance d’énergie en accord à la norme CSA A440.2”

Models / Ratings: VINYL R-2000 SOLARGREEN AWNING WINDOW

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
BA875/SolarGreen	1.57	33
BA875Gr/SolarGreen	1.59	30
BASC/SolarGreen-6.2	1.33	23
BA/SolarGreen-6.2	1.33	26
BA/SolarGreen-272	1.51	26
BA/SolarGreen-366	1.48	23
BA/SolarGreen-6	1.49	25
BA/SolarGreen	1.49	26
BAGr/SolarGreen	1.49	25
BA87/SolarGreen	1.59	32



VINYL R-2000 SOLARGREEN CASEMENT WINDOW

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
BC875/SolarGreen	1.55	33
BC875Gr/SolarGreen	1.59	30
BCSC/SolarGreen-6.2	1.29	24
BC/SolarGreen-6.2	1.29	27
BC/SolarGreen-272	1.50	27
BC/SolarGreen-366	1.47	23
BC/SolarGreen-6	1.47	25
BC/SolarGreen	1.48	26
BCGr/SolarGreen	1.48	25
BC87/SolarGreen	1.57	33

VINYL R-2000 SOLARGREEN FIXED CASEMENT WINDOW

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
BF875/SolarGreen	1.60	36
BFGGr875/SolarGreen	1.62	36
BFSC/SolarGreen-6.2	1.30	25
BF/SolarGreen-6.2	1.30	29
BF/SolarGreen-272	1.54	29
BF/SolarGreen-366	1.50	25
BF/SolarGreen-6	1.51	27
BF/SolarGreen	1.51	29
BFGGr/SolarGreen	1.51	27
BF87/SolarGreen	1.65	33



## VINYL R-3000 SOLARGREEN AWNING WINDOW

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
CA3/SolarGreen-8.3	1.00	29
CA3TFC/SolarGreen-8.3	0.97	30
CA3/SolarGreen-10.3	0.87	32
CA3TFC/SolarGreen-10.3	0.83	33
CA3/SolarGreen-8.2	1.03	32
CA3TFC/SolarGreen-8.2	1.00	32
CA3-87/SolarGreen-8.1	1.23	35
CA3TFC-87/SolarGreen-8.1	1.12	38
CA3-87/SolarGreen-9.3	1.12	38
CA3TFC-87/SolarGreen-9.3	1.08	39
CA3/SolarGreen	1.22	30
CA3TFC/SolarGreen	1.18	31
CA3/Solar-GreenOn-89	1.09	36
CAGr3/Solar-GreenOn-89	1.10	34
CA3/Solar-GreenOn-80	1.13	36
CA3TFC/Solar-GreenOn-80	1.09	37
CAGr3/Solar-GreenOn-80	1.16	33
CATFCGr3/Solar-GreenOn-80	1.12	34
CA875/SolarGreen-6.2	1.35	34
CA875TFC/SolarGreen-6.2	1.29	36
CA875Gr/SolarGreen-6.2	1.36	32
CA875/SolarGreen	1.53	32
CA875TFC/SolarGreen	1.47	33
CA875Gr/SolarGreen	1.55	30
CATFC/Solar-GreenOn-6918	1.24	36
CASC/SolarGreen-6.2	1.29	23
CASCTFC/SolarGreen-6.2	1.23	24
CA/SolarGreen-6.2	1.29	26
CATFC/SolarGreen-6.2	1.23	27
CA87/SolarGreen-6.2	1.36	34
CA/SolarGreen-272	1.46	26

VINYL R-3000 SOLARGREEN AWNING WINDOW (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
CATFC/SolarGreen-272	1.40	28
CA/SolarGreen-366	1.43	23
CATFC/SolarGreen-366	1.37	24
CA/SolarGreen-6	1.44	25
CATFC/SolarGreen-6	1.38	26
CA/SolarGreen	1.44	26
CATFC/SolarGreen	1.38	27
CAGr/SolarGreen	1.44	24
CAGrTFC/SolarGreen	1.38	26
CA87/SolarGreen	1.53	32
AWN/SolarGreen-LE8.7	1.50	34
AWN/SolarGreen-LO8.6	1.40	24
AWN/SolarGreen-LO8.1	1.50	33
AWN/SolarGreen-LO7.2	1.45	27
AWN/SolarGreen-LO8.9	1.30	36
AWNGrSolarGreen-LE8.7	1.50	31
AWNGrSolarGreen-LO8.6	1.40	23
AWNGrSolarGreen-LO8.1	1.50	31
AWNGrSolarGreen-LO7.2	1.45	25
AWNGrSolarGreen-LO8.9	1.30	33



## VINYL R-3000 SOLARGREEN CASEMENT WINDOW

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
CC3/SolarGreen-8.3	0.99	30
CC3TFC/SolarGreen-8.3	0.93	31
CC3/SolarGreen-10.3	0.86	33
CC3TFC/SolarGreen-10.3	0.8	34
CC3/SolarGreen-8.2	1.03	32
CC3TFC/SolarGreen-8.2	0.97	33
CC3-87/SolarGreen-8.1	1.20	36
CC3TFC-87/SolarGreen-8.1	1.15	37
CC3-87/SolarGreen-9.3	1.10	39
CC3TFC-87/SolarGreen-9.3	1.04	40
CC3/SolarGreen	1.21	30
CC3TFC/SolarGreen	1.15	31
CC3/Solar-GreenOn-89	1.07	36
CCGr3/Solar-GreenOn-89	1.10	34
CC3/Solar-GreenOn-80	1.13	36
CC3TFC/Solar-GreenOn-80	1.06	37
CCGr3/Solar-GreenOn-80	1.16	33
CCTFCGr3/Solar-GreenOn-80	1.09	35
CC875/SolarGreen-6.2	1.32	35
CC875TFC/SolarGreen-6.2	1.26	36
CC875Gr/SolarGreen-6.2	1.35	32
CC875/SolarGreen	1.51	32
CC875TFC/SolarGreen	1.45	33
CC875Gr/SolarGreen	1.54	30
CCTFC/Solar-GreenOn-6918	1.21	36
CCSC/SolarGreen-6.2	1.26	24
CCSCTFC/SolarGreen-6.2	1.20	25
CC/SolarGreen-6.2	1.26	27
CCTFC/SolarGreen-6.2	1.20	28
CC87/SolarGreen-6.2	1.32	35
CC/SolarGreen-272	1.45	27

VINYL R-3000 SOLARGREEN CASEMENT WINDOW (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
CCTFC/SolarGreen-272	1.39	28
CC/SolarGreen-366	1.42	23
CCTFC/SolarGreen-366	1.36	24
CC/SolarGreen-6	1.43	25
CCTFC/SolarGreen-6	1.37	27
CC/SolarGreen	1.43	26
CCTFC/SolarGreen	1.37	28
CCGr/SolarGreen	1.43	25
CCGrTFC/SolarGreen	1.37	26
CC87/SolarGreen	1.52	32
CAS/SolarGreen-LE8.7	1.50	34
CAS/SolarGreen-LO8.6	1.40	24
CAS/SolarGreen-LO8.1	1.50	33
CAS/SolarGreen-LO7.2	1.45	27
CAS/SolarGreen-LO8.9	1.25	37
CASGrSolarGreen-LE8.7	1.50	31
CASGrSolarGreen-LO8.6	1.40	23
CASGrSolarGreen-LO8.1	1.50	31
CASGrSolarGreen-LO7.2	1.45	25
CASGrSolarGreen-LO8.9	1.25	34



## VINYL R-3000 SOLARGREEN FIXED CASEMENT WINDOW

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
CF3TFC3/SolarGreen	1.06	37
CF3/SolarGreen-8.3	0.93	33
CF3TFC/SolarGreen-8.3	0.79	36
CF3/SolarGreen-10.3	0.78	36
CF3TFC/SolarGreen-10.3	0.65	39
CF3/SolarGreen-8.2	0.99	36
CF3TFC/SolarGreen-8.2	0.85	39
CF3-87/SolarGreen-8.1	1.17	41
CF3-87TFC-87/SolarGreen-8.1	1.03	44
CF3-87/SolarGreen-9.3	1.06	44
CF3-87TFC/SolarGreen-9.3	0.92	47
CF3/SolarGreen	1.20	34
CF3/Solar-GreenOn-89	0.98	42
CFGr3/Solar-GreenOn-89	1.03	39
CF3/Solar-GreenOn-80	1.09	41
CF3Gr/Solar-GreenOn-80	1.15	37
CF875/SolarGreen-6.2	1.31	40
CF875TFC/SolarGreen-6.2	1.20	42
CF875Gr/SolarGreen-6.2	1.45	36
CF875/SolarGreen	1.54	37
CF875TFC/SolarGreen	1.43	39
CF875Gr/SolarGreen	1.59	33
CF/Solar-GreenOn-6918	1.27	40
CFSC/SolarGreen-6.2	1.25	26
CFSCTFC/SolarGreen-6.2	1.14	28
CF/SolarGreen-6.2	1.25	29
CF3TFC/SolarGreen-6.2	1.14	32
CF87/SolarGreen-6.2	1.33	39
CF/SolarGreen-272	1.48	30
CF3TFC/SolarGreen-272	1.37	32
CF/SolarGreen-366	1.45	26

VINYL R-3000 SOLARGREEN FIXED CASEMENT WINDOW (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
CFTFC/SolarGreen-366	1.34	28
CF/SolarGreen-6	1.46	28
CFTFC/SolarGreen-6	1.35	30
CF/SolarGreen	1.46	29
CFTFC/SolarGreen	1.35	32
CFGr/SolarGreen	1.46	28
CFGrTFC/SolarGreen	1.35	30
CF87/SolarGreen	1.57	36
CF/SolarGreen-LE8.7	1.55	38
CF/SolarGreen-LO8.6	1.40	27
CF/SolarGreen-LO8.1	1.50	39
CF/SolarGreen-LO7.2	1.45	31
CF/SolarGreen-LO8.9	1.25	41
CFGrSolarGreen-LE8.7	1.55	34
CFGrSolarGreen-LO8.6	1.40	25
CFGrSolarGreen-LO8.1	1.50	35
CFGrSolarGreen-LO7.2	1.45	28
CFGrSolarGreen-LO8.9	1.25	38





## VINYL R-3000 SOLARGREEN PICTURE WINDOW

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
PW3/SolarGreen-8.3	0.88	36
PW3TFC/SolarGreen-8.3	0.84	37
PW3/SolarGreen-10.3	0.71	39
PW3TFC/SolarGreen-10.3	0.67	40
PW3/SolarGreen-8.2	0.95	39
PWTFC3/SolarGreen-8.2	0.91	40
PW3-87/SolarGreen-8.1	1.16	45
PW3-87TFC/SolarGreen-8.1	1.12	46
PW3-87/SolarGreen-9.3	1.06	47
PW3-87TFC/SolarGreen-9.3	0.97	49
PW3/SolarGreen	1.19	36
PW3TFC/SolarGreen	1.15	37
PW3/Solar-GreenOn-89	0.95	46
PW3Gr/Solar-GreenOn-89	0.99	43
PW3/Solar-GreenOn-80	1.07	45
PW3Gr/Solar-GreenOn-80	1.13	41
PW875/SolarGreen-6.2	1.32	43
PW875TFC/SolarGreen-6.2	1.27	44
PW875Gr/SolarGreen-6.2	1.37	39
PW875/SolarGreen	1.58	39
PW875TFC/SolarGreen	1.53	41
PW875Gr/SolarGreen	1.63	36
PW/Solar-GreenOn-6918	1.27	43
PWSC/SolarGreen-6.2	1.25	28
PWSCTFC/SolarGreen-6.2	1.20	29
PW/SolarGreen-6.2	1.25	32
PWTFC/SolarGreen-6.2	1.20	33
PW87/SolarGreen-6.2	1.34	43
PW/SolarGreen-272	1.51	32
PWTFC/SolarGreen-272	1.47	33
PW/SolarGreen-366	1.47	27

VINYL R-3000 SOLARGREEN PICTURE WINDOW (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
PWTFC/SolarGreen-366	1.43	28
PW/SolarGreen-6	1.48	30
PWTFC/SolarGreen-6	1.44	30
PW/SolarGreen	1.48	32
PWTFC/SolarGreen	1.44	33
PWGr/SolarGreen	1.48	30
PWTFCGr/SolarGreen	1.44	30
PW87/SolarGreen	1.61	39
PW/SolarGreen-LE8.7	1.55	42
PW/SolarGreen-LO8.6	1.45	28
PW/SolarGreen-LO8.1	1.55	42
PW/SolarGreen-LO7.2	1.50	32
PW/SolarGreen-LO8.9	1.25	45
PWGrSolarGreen-LE8.7	1.55	38
PWGrSolarGreen-LO8.6	1.45	26
PWGrSolarGreen-LO8.1	1.55	38
PWGrSolarGreen-LO7.2	1.50	30
PWGrSolarGreen-LO8.9	1.25	42



VINYL R-3000 SOLARGREEN DOUBLE HUNG TILT

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
DHT3/Solar-GreenOn-80	1.23	36
DHT3/Solar-GreenOn-80K	1.03	40
DHTGr3/Solar-GreenOn-80K	1.08	37
DHT875/SolarGreen	1.65	32
DHT875Gr/SolarGreen	1.70	28
DHT/Solar-GreenOn-6918	1.35	36
DHTSC/SolarGreen-6.2	1.38	21
DHT/SolarGreen-6.2	1.38	24
DHT/SolarGreen-272	1.61	25
DHT/SolarGreen-366	1.58	21
DHT/SolarGreen-6	1.58	23
DHT/SolarGreen	1.58	25
DHTGr/SolarGreen	1.58	22
DHT87/SolarGreen	1.69	31

VINYL R-3000 SOLARGREEN DOUBLE SLIDER TILT

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
DST3/Solar-GreenOn-80	1.23	37
DST3/Solar-GreenOn-80K	1.03	41
DSTGr3/Solar-GreenOn-80K	1.07	38
DST875/SolarGreen	1.70	32
DST875Gr/SolarGreen	1.72	29
DST/Solar-GreenOn-6918	1.41	36
DSTSC/SolarGreen-6.2	1.39	22
DST/SolarGreen-6.2	1.39	25
DST/SolarGreen-272	1.62	25
DST/SolarGreen-366	1.58	22
DST/SolarGreen-6	1.59	24
DST/SolarGreen	1.59	26
DSTGr/SolarGreen	1.59	23
DST87/SolarGreen	1.66	33



VINYL R-3000 SOLARGREEN DOUBLE SLIDER TILT (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
DST/SolarGreen-LE8.7	1.65	34
DST/SolarGreen-LO8.6	1.55	22
DST/SolarGreen-LO8.1	1.65	34
DST/SolarGreen-LO7.2	1.60	26
DST/SolarGreen-LO8.9	1.40	37
DSTGrSolarGreen-LE8.7	1.65	31
DSTGrSolarGreen-LO8.6	1.55	21
DSTGrSolarGreen-LO8.1	1.65	31
DSTGrSolarGreen-LO7.2	1.60	24
DSTGrSolarGreen-LO8.9	1.40	34

VINYL R-3000 SOLARGREEN SINGLE HUNG TILT

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
SHT3/Solar-GreenOn-80	1.23	37
SHT3/Solar-GreenOn-80K	1.02	42
SHTGr3/Solar-GreenOn-80K	1.07	38
SHT875/SolarGreen	1.67	33
SHT875Gr/SolarGreen	1.72	30
SHT/Solar-GreenOn-6918	1.41	36
SHTSC/SolarGreen-6.2	1.38	22
SHT/SolarGreen-6.2	1.38	26
SHT/SolarGreen-272	1.62	26
SHT/SolarGreen-366	1.59	22
SHT/SolarGreen-6	1.60	24
SHT/SolarGreen	1.60	26
SHTGr/SolarGreen	1.60	24
SHT87/SolarGreen	1.70	33
SHT/SolarGreen-LE8.7	1.65	35
SHT/SolarGreen-LO8.6	1.55	23
SHT/SolarGreen-LO8.1	1.65	35
SHT/SolarGreen-LO7.2	1.60	26



VINYL R-3000 SOLARGREEN SINGLE HUNG TILT (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
SHT/SolarGreen-LO8.9	1.40	37
SHTGrSolarGreen-LE8.7	1.65	32
SHTGrSolarGreen-LO8.6	1.55	21
SHTGrSolarGreen-LO8.1	1.65	31
SHTGrSolarGreen-LO7.2	1.60	24
SHTGrSolarGreen-LO8.9	1.40	34

VINYL R-3000 SOLARGREEN SINGLE SLIDER LIFTOUT

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
SSL87/SolarGreen	1.72	34
SSL/Solar-GreenOn-6918	1.41	38
SSLSC/SolarGreen-6.2	1.39	23
SSL/SolarGreen-6.2	1.39	26
SSL/SolarGreen-272	1.63	27
SSL/SolarGreen-366	1.59	23
SSL/SolarGreen-6	1.60	25
SSL/SolarGreen	1.60	27
SSLGr/SolarGreen	1.60	25
SSL/SolarGreen-LE8.7	1.65	36
SSL/SolarGreen-LO8.6	1.55	24
SSL/SolarGreen-LO8.1	1.65	36
SSL/SolarGreen-LO7.2	1.60	28
SSL/SolarGreen-LO8.9	1.40	39
SSLGrSolarGreen-LE8.7	1.65	33
SSLGrSolarGreen-LO8.6	1.55	22
SSLGrSolarGreen-LO8.1	1.65	33
SSLGrSolarGreen-LO7.2	1.60	25
SSLGrSolarGreen-LO8.9	1.40	36



VINYL R-3000 SOLARGREEN SINGLE SLIDER TILT

Model Code (Glass Option)	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
SST3/Solar-GreenOn-80	1.23	37
SST3/Solar-GreenOn-80K	1.03	42
SSTGr3/Solar-GreenOn-80K	1.07	39
SST875/SolarGreen	1.68	33
SST875Gr/SolarGreen	1.72	30
SST/Solar-GreenOn-6918	1.42	36
SSTSC/SolarGreen-6.2	1.39	22
SST/SolarGreen-6.2	1.40	26
SST/SolarGreen-272	1.63	26
SST/SolarGreen-366	1.59	22
SST/SolarGreen-6	1.60	24
SST/SolarGreen	1.60	26
SSTGr/SolarGreen	1.60	24
SST87/SolarGreen	1.72	33
SST/SolarGreen-LE8.7	1.65	35
SST/SolarGreen-LO8.6	1.55	23
SST/SolarGreen-LO8.1	1.65	35
SST/SolarGreen-LO7.2	1.60	27
SST/SolarGreen-LO8.9	1.40	38
SSTGrSolarGreen-LE8.7	1.65	32
SSTGrSolarGreen-LO8.6	1.55	21
SSTGrSolarGreen-LO8.1	1.65	32
SSTGrSolarGreen-LO7.2	1.60	25
SSTGrSolarGreen-LO8.9	1.40	35

Notes:

Listed products meet the energy requirements of the standards listed above. Windows 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.



# LABORATORIES

CERTIFICATION TESTING INSPECTION

VANCOUVER, BC: 877.461.8378 ph. | 604.527.8368 fx.  
LOS ANGELES, CA: 909.483.0250 ph. | 909.483.0336 fx.  
WASHINGTON, DC: 540.636.9445 ph. | 540.636.9414 fx.  
TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.  
TORONTO, ON: 905.605.5444  
MIAMI, FL: 305.885.3328  
WEBSITE: WWW.QAI.ORG

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](http://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](mailto:info@qai.org). Please include the listing number in the request.

\*\*\*