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CERTIFICATION TESTING INSPECTION

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TORONTO, ON: 905.605.5444 ph. |
TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.
MIAMI, FL: 305.885.3328 ph. | 305.885.3329 fx.
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WINDOWS & DOORS LISTING PROGRAM

Customer: Norden Windows & Doors Ltd.
Class: Fenestration Products – Energy Performance
Location: Surrey, British Columbia
Website: www.nordenwindow.com

Listing No. W567-1
Project No. W567-1 ED2
Effective Date: August 29, 2018
Last Revised Date: December 20, 2019
Expires: N/A

Standards: CSA A440.2-14 "Fenestration Energy Performance"

Product: PVC 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: W567
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:

2545 Series Picture Window

Model Code	U-Value (W/m^2K)	Energy Rating
NOR-2545PC-3,180(2)-13AR90SS-3,CL-13AR90SS-3,180(5)	0.88	49
NOR-2545PC-3,180(2)-13AR90SS-3,CL-13AR90SS-3,180(5)-G1<1	0.91	48
NOR-2545PC-3,180(2)-13AR90SS-3,CL	1.53	39
NOR-2545PC-3,180(2)-13AR90SS-3,CL-G1<1	1.60	38
NOR-2545PC-3,180(2)-13AR90SS-3,i89(4)	1.26	44

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Model Code	U-Value (W/m^2K)	Energy Rating
NOR-2545PC-3,180(2)-13AR90SS-3,i89(4)-G1<1	1.31	43
NOR-2545PC-3,270(2)-13AR90SS-3,CL-13AR90SS-3,270(5)	0.83	37
NOR-2545PC-3,270(2)-13AR90SS-3,CL-13AR90SS-3,270(5)-G1<1	0.86	36
NOR-2545PC-3,270(2)-13AR90SS-3,CL	1.47	26
NOR-2545PC-3,270(2)-13AR90SS-3,CL-G1<1	1.53	23
NOR-2545PC-3,270(2)-13AR90SS-3,i89(4)	1.21	32
NOR-2545PC-3,270(2)-13AR90SS-3,i89(4)-G1<1	1.26	29
NOR-2545PC-3,366(2)-13AR90SS-3,CL	1.44	22
NOR-2545PC-3,366(2)-13AR90SS-3,CL-G1<1	1.44	21
NOR-2545PC-3,366(2)-13AR90SS-3,i89(4)	1.19	28
NOR-2545PC-3,366(2)-13AR90SS-3,i89(4)-G1<1	1.19	27
NOR-2545PC-3,270(2)-13AR90SS-3,CL-13AR90SS-3,CL	1.14	32
NOR-2545PC-3,366(2)-13AR90SS-3,CL-13AR90SS-3,CL	1.12	28
NOR-2545PC-3,366(2)-13AR90SS-3,CL-13AR90SS-3,366(5)	0.81	34

2600 Series Casement Window

Model Code	U-Value (W/m^2K)	Energy Rating
NOR-2600CA-3,180(2)-13AR90SS-3,CL-13AR90SS-3,180(5)	0.97	40
NOR-2600CA-3,180(2)-13AR90SS-3,CL-13AR90SS-3,180(5)-G1<1	0.99	40
NOR-2600CA-3,180(2)-13AR90SS-3,CL	1.48	32
NOR-2600CA-3,180(2)-13AR90SS-3,CL-G1<1	1.52	32
NOR-2600CA-3,180(2)-13AR90SS-3,i89(4)	1.28	36
NOR-2600CA-3,180(2)-13AR90SS-3,i89(4)-G1<1	1.31	35
NOR-2600CA-3,270(2)-13AR90SS-3,CL-13AR90SS-3,270(5)	0.93	32
NOR-2600CA-3,270(2)-13AR90SS-3,CL-13AR90SS-3,270(5)-G1<1	0.95	30
NOR-2600CA-3,270(2)-13AR90SS-3,CL	1.43	23
NOR-2600CA-3,270(2)-13AR90SS-3,CL-G1<1	1.47	21
NOR-2600CA-3,270(2)-13AR90SS-3,i89(4)	1.23	27
NOR-2600CA-3,270(2)-13AR90SS-3,i89(4)-G1<1	1.26	25
NOR-2600CA-3,366(2)-13AR90SS-3,CL	1.41	20
NOR-2600CA-3,366(2)-13AR90SS-3,CL-G1<1	1.41	19
NOR-2600CA-3,366(2)-13AR90SS-3,i89(4)	1.23	23
NOR-2600CA-3,366(2)-13AR90SS-3,i89(4)-G1<1	1.23	22
NOR-2600CA-3,270(2)-13AR90SS-3,CL-13AR90SS-3,CL	1.16	27
NOR-2600CA-3,366(2)-13AR90SS-3,CL-13AR90SS-3,CL	1.15	25
NOR-2600CA-3,366(2)-13AR90SS-3,CL-13AR90SS-3,366(5)	0.92	29

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2600 Series Awning Window

Model Code	U-Value (W/m^2K)	Energy Rating
NOR-2600AW-3,180(2)-13AR90SS-3,CL-13AR90SS-3,180(5)	0.97	40
NOR-2600AW-3,180(2)-13AR90SS-3,CL-13AR90SS-3,180(5)-G1<1	0.99	39
NOR-2600AW-3,180(2)-13AR90SS-3,CL	1.49	32
NOR-2600AW-3,180(2)-13AR90SS-3,CL-G1<1	1.52	31
NOR-2600AW-3,180(2)-13AR90SS-3,i89(4)	1.31	35
NOR-2600AW-3,180(2)-13AR90SS-3,i89(4)-G1<1	1.32	35
NOR-2600AW-3,270(2)-13AR90SS-3,CL-13AR90SS-3,270(5)	0.93	32
NOR-2600AW-3,270(2)-13AR90SS-3,CL-13AR90SS-3,270(5)-G1<1	0.94	30
NOR-2600AW-3,270(2)-13AR90SS-3,CL	1.44	22
NOR-2600AW-3,270(2)-13AR90SS-3,CL-G1<1	1.47	20
NOR-2600AW-3,270(2)-13AR90SS-3,i89(4)	1.26	26
NOR-2600AW-3,270(2)-13AR90SS-3,i89(4)-G1<1	1.27	25
NOR-2600AW-3,366(2)-13AR90SS-3,CL	1.42	19
NOR-2600AW-3,366(2)-13AR90SS-3,CL-G1<1	1.42	19
NOR-2600AW-3,366(2)-13AR90SS-3,i89(4)	1.25	23
NOR-2600AW-3,366(2)-13AR90SS-3,i89(4)-G1<1	1.25	22
NOR-2600AW-3,270(2)-13AR90SS-3,CL-13AR90SS-3,CL	1.17	27
NOR-2600AW-3,366(2)-13AR90SS-3,CL-13AR90SS-3,CL	1.15	24
NOR-2600AW-3,366(2)-13AR90SS-3,CL-13AR90SS-3,366(5)	0.92	29

2630 Series Fixed Casement Window

Model Code	U-Value (W/m^2K)	Energy Rating
NOR-2630FC-3,180(2)-13AR90SS-3,CL-13AR90SS-3,180(5)	0.92	45
NOR-2630FC-3,180(2)-13AR90SS-3,CL-13AR90SS-3,180(5)-G1<1	0.96	44
NOR-2630FC-3,180(2)-13AR90SS-3,CL	1.51	36
NOR-2630FC-3,180(2)-13AR90SS-3,CL-G1<1	1.57	34
NOR-2630FC-3,180(2)-13AR90SS-3,i89(4)	1.27	40
NOR-2630FC-3,180(2)-13AR90SS-3,i89(4)-G1<1	1.32	39
NOR-2630FC-3,270(2)-13AR90SS-3,CL-13AR90SS-3,270(5)	0.88	34
NOR-2630FC-3,270(2)-13AR90SS-3,CL-13AR90SS-3,270(5)-G1<1	0.91	33
NOR-2630FC-3,270(2)-13AR90SS-3,CL	1.46	25
NOR-2630FC-3,270(2)-13AR90SS-3,CL-G1<1	1.52	22
NOR-2630FC-3,270(2)-13AR90SS-3,i89(4)	1.23	29
NOR-2630FC-3,270(2)-13AR90SS-3,i89(4)-G1<1	1.28	27
NOR-2630FC-3,366(2)-13AR90SS-3,CL	1.39	21
NOR-2630FC-3,366(2)-13AR90SS-3,CL-G1<1	1.39	21

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Model Code	U-Value (W/m^2K)	Energy Rating
NOR-2630FC-3,366(2)-13AR90SS-3,i89(4)	1.17	26
NOR-2630FC-3,366(2)-13AR90SS-3,i89(4)-G1<1	1.17	25
NOR-2630FC-3,270(2)-13AR90SS-3,CL-13AR90SS-3,CL	1.15	30
NOR-2630FC-3,366(2)-13AR90SS-3,CL-13AR90SS-3,CL	1.13	27
NOR-2630FC-3,366(2)-13AR90SS-3,CL-13AR90SS-3,366(5)	0.86	32

6490 Series Picture Window

Model Code	U-Value (W/m^2K)	Energy Rating
NOR-6490PC-3,180(2)-13AR90SS-3,CL	1.55	38
NOR-6490PC-3,180(2)-13AR90SS-3,CL-G1<1	1.62	37
NOR-6490PC-3,180(2)-13AR90SS-3,i89(4)	1.28	43
NOR-6490PC-3,180(2)-13AR90SS-3,i89(4)-G1<1	1.34	42
NOR-6490PC-3,270(2)-13AR90SS-3,CL	1.49	26
NOR-6490PC-3,270(2)-13AR90SS-3,CL-G1<1	1.56	23
NOR-6490PC-3,270(2)-13AR90SS-3,i89(4)	1.24	31
NOR-6490PC-3,270(2)-13AR90SS-3,i89(4)-G1<1	1.29	28
NOR-6490PC-3,366(2)-13AR90SS-3,CL	1.46	22
NOR-6490PC-3,366(2)-13AR90SS-3,CL-G1<1	1.46	21
NOR-6490PC-3,366(2)-13AR90SS-3,i89(4)	1.22	27
NOR-6490PC-3,366(2)-13AR90SS-3,i89(4)-G1<1	1.22	25

6490 Series Horizontal Sliding Window

Model Code	U-Value (W/m^2K)	Energy Rating
NOR-6490SS-3,180(2)-13AR90SS-3,CL	1.66	32
NOR-6490SS-3,180(2)-13AR90SS-3,CL-G1<1	1.72	31
NOR-6490SS-3,180(2)-13AR90SS-3,i89(4)	1.42	36
NOR-6490SS-3,180(2)-13AR90SS-3,i89(4)-G1<1	1.46	36
NOR-6490SS-3,270(2)-13AR90SS-3,CL	1.61	21
NOR-6490SS-3,270(2)-13AR90SS-3,CL-G1<1	1.66	18
NOR-6490SS-3,270(2)-13AR90SS-3,i89(4)	1.38	26
NOR-6490SS-3,270(2)-13AR90SS-3,i89(4)-G1<1	1.42	23
NOR-6490SS-3,366(2)-13AR90SS-3,CL	1.58	17
NOR-6490SS-3,366(2)-13AR90SS-3,CL-G1<1	1.58	16
NOR-6490SS-3,366(2)-13AR90SS-3,i89(4)	1.36	22
NOR-6490SS-3,366(2)-13AR90SS-3,i89(4)-G1<1	1.36	20

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6490 Series Single Hung Window

Model Code	U-Value (W/m^2K)	Energy Rating
NOR-6490SH-3,180(2)-13AR90SS-3,CL	1.66	32
NOR-6490SH-3,180(2)-13AR90SS-3,CL-G1<1	1.72	31
NOR-6490SH-3,180(2)-13AR90SS-3,i89(4)	1.42	36
NOR-6490SH-3,180(2)-13AR90SS-3,i89(4)-G1<1	1.46	36
NOR-6490SH-3,270(2)-13AR90SS-3,CL	1.61	21
NOR-6490SH-3,270(2)-13AR90SS-3,CL-G1<1	1.66	18
NOR-6490SH-3,270(2)-13AR90SS-3,i89(4)	1.38	26
NOR-6490SH-3,270(2)-13AR90SS-3,i89(4)-G1<1	1.42	23
NOR-6490SH-3,366(2)-13AR90SS-3,CL	1.58	17
NOR-6490SH-3,366(2)-13AR90SS-3,CL-G1<1	1.58	16
NOR-6490SH-3,366(2)-13AR90SS-3,i89(4)	1.36	22
NOR-6490SH-3,366(2)-13AR90SS-3,i89(4)-G1<1	1.36	20

6990 Series Picture Window

Model Code	U-Value (W/m^2K)	Energy Rating
NOR-6990PC-3,180(2)-13AR90SS-3,CL	1.57	37
NOR-6990PC-3,180(2)-13AR90SS-3,CL-G1<1	1.63	35
NOR-6990PC-3,180(2)-13AR90SS-3,i89(4)	1.31	41
NOR-6990PC-3,180(2)-13AR90SS-3,i89(4)-G1<1	1.36	40
NOR-6990PC-3,270(2)-13AR90SS-3,CL	1.52	25
NOR-6990PC-3,270(2)-13AR90SS-3,CL-G1<1	1.58	22
NOR-6990PC-3,270(2)-13AR90SS-3,i89(4)	1.27	30
NOR-6990PC-3,270(2)-13AR90SS-3,i89(4)-G1<1	1.32	27
NOR-6990PC-3,366(2)-13AR90SS-3,CL	1.49	21
NOR-6990PC-3,366(2)-13AR90SS-3,CL-G1<1	1.49	19
NOR-6990PC-3,366(2)-13AR90SS-3,i89(4)	1.24	26
NOR-6990PC-3,366(2)-13AR90SS-3,i89(4)-G1<1	1.24	25

6990 Series Horizontal Sliding Window

Model Code	U-Value (W/m^2K)	Energy Rating
NOR-6990SS-3,180(2)-13AR90SS-3,CL	1.67	32
NOR-6990SS-3,180(2)-13AR90SS-3,CL-G1<1	1.72	31
NOR-6990SS-3,180(2)-13AR90SS-3,i89(4)	1.44	36

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Model Code	U-Value (W/m^2K)	Energy Rating
NOR-6990SS-3,180(2)-13AR90SS-3,i89(4)-G1<1	1.47	35
NOR-6990SS-3,270(2)-13AR90SS-3,CL	1.62	21
NOR-6990SS-3,270(2)-13AR90SS-3,CL-G1<1	1.67	18
NOR-6990SS-3,270(2)-13AR90SS-3,i89(4)	1.40	25
NOR-6990SS-3,270(2)-13AR90SS-3,i89(4)-G1<1	1.43	23
NOR-6990SS-3,366(2)-13AR90SS-3,CL	1.59	17
NOR-6990SS-3,366(2)-13AR90SS-3,CL-G1<1	1.59	16
NOR-6990SS-3,366(2)-13AR90SS-3,i89(4)	1.37	22
NOR-6990SS-3,366(2)-13AR90SS-3,i89(4)-G1<1	1.37	20

6990 Series Single Hung Window

Model Code	U-Value (W/m^2K)	Energy Rating
NOR-6990SH-3,180(2)-13AR90SS-3,CL	1.67	32
NOR-6990SH-3,180(2)-13AR90SS-3,CL-G1<1	1.72	30
NOR-6990SH-3,180(2)-13AR90SS-3,i89(4)	1.42	36
NOR-6990SH-3,180(2)-13AR90SS-3,i89(4)-G1<1	1.47	35
NOR-6990SH-3,270(2)-13AR90SS-3,CL	1.61	21
NOR-6990SH-3,270(2)-13AR90SS-3,CL-G1<1	1.67	18
NOR-6990SH-3,270(2)-13AR90SS-3,i89(4)	1.38	25
NOR-6990SH-3,270(2)-13AR90SS-3,i89(4)-G1<1	1.43	22
NOR-6990SH-3,366(2)-13AR90SS-3,CL	1.58	17
NOR-6990SH-3,366(2)-13AR90SS-3,CL-G1<1	1.58	16
NOR-6990SH-3,366(2)-13AR90SS-3,i89(4)	1.36	22
NOR-6990SH-3,366(2)-13AR90SS-3,i89(4)-G1<1	1.36	20

Notes: Products 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.

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