

SAMPLE MARKING LABEL

1. Performance Class and Performance Grade marking label:

Overall Rating Label

 Evaluated to/Évalué pour: CSA 101/I.S.2/A440:22 CSA A440S1:19	Manufacturer: Nav Windows and Doors Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada Email: navwindowsservice@gmail.com, Tel: (866) 592-5119 Combination Window Class LC – PG30 – Size tested: 2730 x 2420 mm (107.5 x 95.3 in) Positive/ Negative ASD Design Pressure (DP) = 1920 Pa Water Penetration Resistance Test Pressure = 290 Pa Canadian Air Infiltration/ Exfiltration Level = A2 Level
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Vertical Mullion Assembly Label

 Evaluated to/Évalué pour: CSA 101/I.S.2/A440-22 CSA A440S1:19	Manufacturer: Nav Windows and Doors Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada Email: navwindowsservice@gmail.com, Tel: (866) 592-5119 Class LC – PG30 – Size tested 2420 mm (95.3 in) span/ 995 mm (39.2 in) TribWd MA Positive/ Negative ASD Design Pressure (DP) = 1920 Pa Water Penetration Resistance Test Pressure = 290 Pa Canadian Air Infiltration/ Exfiltration = A2 level
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Horizontal Mullion Assembly Label

 Evaluated to/Évalué pour: CSA 101/I.S.2/A440-22 CSA A440S1:19	Manufacturer: Nav Windows and Doors Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada Email: navwindowsservice@gmail.com, Tel: (866) 592-5119 Class LC – PG30 – Size tested 740 mm (29.1 in) span/ 740 mm (29.1 in) TribWd MA Positive/ Negative ASD Design Pressure (DP) = 1920 Pa Water Penetration Resistance Test Pressure = 290 Pa Canadian Air Infiltration/ Exfiltration = A2 level
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Casement Window Label

 Evaluated to/Évalué pour: CSA 101/I.S.2/A440:22 CSA A440S1:19	Manufacturer: Nav Windows and Doors Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada Email: navwindowsservice@gmail.com, Tel: (866) 592-5119 Model No: NAV-5000C-IGXX Class LC – PG30 – Size tested: 740 x 1660 mm (29.1 x 65.4 in) – Type C Positive/ Negative ASD Design Pressure (DP) = 1920 Pa Water Penetration Resistance Test Pressure = 290 Pa Canadian Air Infiltration/ Exfiltration Level = A2 Level
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Fixed Window Label

 Evaluated to/Évalué pour: CSA 101/I.S.2/A440:22 CSA A440S1:19	Manufacturer: Nav Windows and Doors Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada Email: navwindowsservice@gmail.com, Tel: (866) 592-5119 Model No: NAV-5000FW-IGXX Class LC – PG30 – Size tested: 1425 x 2420 mm (56.1 x 95.3 in) – Type FW Positive/ Negative ASD Design Pressure (DP) = 1920 Pa Water Penetration Resistance Test Pressure = 290 Pa Canadian Air Infiltration/ Exfiltration Level = Fixed Level
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2. Energy Performance marking label:

Nav Windows and Doors							
Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada							
Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E (ε=0.068, S2, ε=0.149, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	1*	LoE 180 on 3mm Clear (ε = 0.068, S2) I89 on 3mm Clear (ε = 0.149, S4)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.32		0.39		0.48			
Air Leakage [L/s · m²]				Energy Rating			
0.6				32			

Thermal performance and visual transmittance ratings certified to CSA A440.2:19 & NFRC 100-2020.

Ratings are determined for fixed set of environmental conditions and a specific product. LabTest Certification Inc. agency does not recommend or warrant product for any specific use.

Les taux de performance thermique et de transmission visuelle certifiées selon la norme CSA A440.2:19 & NFRC 100-2020. L'évaluation est déterminée pour un ensemble fixe de conditions environnementales et un produit spécifique. LabTest Certification Inc. ne recommande pas et ne recommande aucun produit pour une utilisation particulière.

**NOTES:**

*Represents the Glazing Option according to Listing Report (can be only 1 - 15 at time of this report).

Nav Windows and Doors							
Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada							
Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E (ε=0.042, S2, ε=0.149, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	2*	LoE ² 272 on 3mm Clear (ε = 0.042, S2) I89 on 3mm Clear (ε = 0.149, S4)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.30		0.26		0.44			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				25			

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Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E ($\epsilon=0.042$, S2), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	3*	LoE ² 272 on 3mm Clear ($\epsilon = 0.042$, S2)	Clear	Generic Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.47		0.26		0.45			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				26			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E ($\epsilon=0.02$, S2, $\epsilon=0.149$, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	4*	LoE ³ 366 on 3mm Clear ($\epsilon = 0.02$, S2) i89 on 3mm Clear ($\epsilon = 0.149$, S4)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.27		0.17		0.39			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				21			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E (ε=0.068, S2, ε=0.068, S3), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	5*	LoE 180 on 3mm Clear (ε = 0.068, S2) LoE 180 on 3mm Clear (ε = 0.068, S3)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.46		0.39		0.48			
Air Leakage [L/s · m²]				Energy Rating			
0.6				29			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E (ε=0.02, S2), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	6*	LoE ³ 366 on 3mm Clear (ε = 0.02, S2)	Clear	Generic Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.44		0.17		0.40			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				17			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E ($\epsilon=0.042$, S2, $\epsilon=0.042$, S3), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	7*	LoE ² 272 on 3 mm Clear ($\epsilon = 0.042$, S2) LoE ² 272 on 3 mm Clear ($\epsilon = 0.042$, S3)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.45		0.24		0.39			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				21			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.035, S2, ε=0.068, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	8*	LoE ² 270 on 3mm Clear (ε = 0.035, S2) LoE 180 on 3mm Clear (ε = 0.068, S4)	Clear	Generic Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.00		0.21		0.38			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				29			

Thermal performance and visual transmittance ratings certified to CSA A440.2:19 & NFRC 100-2020.

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Certification Inc. agency does not recommend or warrant product for any specific use.

Les taux de performance thermique et de transmission visuelle certifiées selon la norme CSA A440.2:19

& NFRC 100-2020. L'évaluation est déterminée pour un ensemble fixe de conditions environnementales

et un produit spécifique. LabTest Certification Inc. ne recommande pas et ne recommande aucun produit pour une utilisation particulière.



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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.068, S2, ε=0.068, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	9*	LoE 180 on 3 mm Clear (ε = 0.068, S2) LoE 180 on 3 mm Clear (ε = 0.068, S4)	Clear	Generic Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.01		0.34		0.43			
Air Leakage [L/s · m²]				Energy Rating			
0.6				36			

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Les taux de performance thermique et de transmission visuelle certifiées selon la norme CSA A440.2:22 & NFRC 100-2020. L'évaluation est déterminée pour un ensemble fixe de conditions environnementales et un produit spécifique. LabTest Certification Inc. ne recommande pas et ne recommande aucun produit pour une utilisation particulière.

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.068, S2, ε=0.068, S4, ε=0.149, S6), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	10*	LoE 180 on 3 mm Clear (ε = 0.068, S2) LoE 180 on 3mm Clear (ε = 0.068, S4) i89 on 3mm Clear (ε = 0.149, S6)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.08		0.35		0.43			
Air Leakage [L/s · m²]				Energy Rating			
0.6				35			

Thermal performance and visual transmittance ratings certified to CSA A440.2:22 & NFRC 100-2020.

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.035, S2, ε=0.068, S4, ε=0.149, S6), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	11*	LoE ² 270on 3 mm Clear (ε = 0.035, S2) LoE 180 on 3mm Clear (ε = 0.068, S4) i89 on 3mm Clear (ε = 0.149, S6)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.94		0.20		0.38			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				30			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.035, S2, ε=0.035, S4, ε=0.149, S5), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	12*	LoE ² 270 on 3 mm Clear (ε = 0.035, S2) LoE ² 270 on 3mm Clear (ε = 0.035, S4) i89 on 3mm Clear (ε = 0.149, S5)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.97		0.18		0.33			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				28			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.02, S2, ε=0.035, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	13*	LoE ³ 366 on 3 mm Clear (ε = 0.02, S2) LoE ² 270 on 3mm Clear (ε = 0.035, S4)	Clear	Generic Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.97		0.14		0.31			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				26			

Thermal performance and visual transmittance ratings certified to CSA A440.2:22 & NFRC 100-2020.

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.02, S2, ε=0.035, S4, ε=0.149, S6), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	14*	LoE ³ 366 on 3 mm Clear (ε = 0.02, S2) LoE ² 270 on 3mm Clear (ε = 0.035, S4) i89 on 3mm Clear (ε = 0.149, S6)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.92		0.14		0.31			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				27			

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NOTES:

*Represents the Glazing Option according to Listing Report (can be only 1 - 15 at time of this report).



Nav Windows and Doors							
Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada							
Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.02, S2, ε=0.02, S4, ε=0.149, S6), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	15*	LoE ³ 366 on 3 mm Clear (ε = 0.02, S2) LoE ³ 366 on 3mm Clear (ε = 0.02, S4) i89 on 3mm Clear (ε = 0.149, S6)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.91		0.13		0.28			
Air Leakage [L/s · m ²]				Energy Rating			
0.6				26			

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Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada							
Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Fixed Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E (ε=0.068, S2, ε=0.149, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	1*	LoE 180 on 3mm Clear (ε = 0.068, S2) I89 on 3mm Clear (ε = 0.149, S4)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.31		0.50		0.62			
Air Leakage [L/s · m²]				Energy Rating			
0.1				40			

Thermal performance and visual transmittance ratings certified to CSA A440.2:19 & NFRC 100-2020. Ratings are determined for fixed set of environmental conditions and a specific product. LabTest Certification Inc. agency does not recommend or warrant product for any specific use.
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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Fixed Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E ($\epsilon=0.042$, S2, $\epsilon=0.149$, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	2*	LoE ² 272 on 3mm Clear ($\epsilon = 0.042$, S2) I89 on 3mm Clear ($\epsilon = 0.149$, S4)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.28		0.33		0.56			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				31			

Thermal performance and visual transmittance ratings certified to CSA A440.2:19 & NFRC 100-2020. Ratings are determined for fixed set of environmental conditions and a specific product. LabTest Certification Inc. agency does not recommend or warrant product for any specific use.
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Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E (ε=0.042, S2), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	3*	LoE ² 272 on 3mm Clear (ε = 0.042, S2)	Clear	Generic Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.52		0.33		0.57			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				26			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E (ε=0.02, S2, ε=0.149, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	4*	LoE³ 366 on 3mm Clear (ε = 0.02, S2) i89 on 3mm Clear (ε = 0.149, S4)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.25		0.22		0.51			
Air Leakage [L/s · m²]				Energy Rating			
0.1				25			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E (ε=0.068, S2, ε=0.068, S3), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	5*	LoE 180 on 3mm Clear (ε = 0.068, S2) LoE 180 on 3mm Clear (ε = 0.068, S3)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.50		0.49		0.61			
Air Leakage [L/s · m²]				Energy Rating			
0.1				35			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E (ε=0.02, S2), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	6*	LoE³ 366 on 3mm Clear (ε = 0.02, S2)	Clear	Generic Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.48		0.22		0.51			
Air Leakage [L/s · m²]				Energy Rating			
0.1				20			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Double glazed system, Argon 90% gap fill, Low E ($\epsilon=0.042$, S2, $\epsilon=0.042$, S3), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
2	7*	LoE ² 272 on 3 mm Clear ($\epsilon = 0.042$, S2) LoE ² 272 on 3 mm Clear ($\epsilon = 0.042$, S3)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.48		0.31		0.50			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				25			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ϵ =0.035, S2, ϵ =0.068, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	8*	LoE ² 270 on 3mm Clear (ϵ = 0.035, S2) LoE 180 on 3mm Clear (ϵ = 0.068, S4)	Clear	Generic Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.91		0.26		0.49			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				35			

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Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.068, S2, ε=0.068, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	9*	LoE 180 on 3 mm Clear (ε = 0.068, S2) LoE 180 on 3 mm Clear (ε = 0.068, S4)	Clear	Generic Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.93		0.44		0.56			
Air Leakage [L/s · m²]				Energy Rating			
0.1				45			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.068, S2, ε=0.068, S4, ε=0.149, S6), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	10*	LoE 180 on 3 mm Clear (ε = 0.068, S2) LoE 180 on 3mm Clear (ε = 0.068, S4) i89 on 3mm Clear (ε = 0.149, S6)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.02		0.44		0.55			
Air Leakage [L/s · m²]				Energy Rating			
0.1				43			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.035, S2, ε=0.068, S4, ε=0.149, S6), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	11*	LoE ² 270on 3 mm Clear (ε = 0.035, S2) LoE 180 on 3mm Clear (ε = 0.068, S4) i89 on 3mm Clear (ε = 0.149, S6)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.84		0.26		0.48			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				36			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.035, S2, ε=0.035, S4, ε=0.149, S5), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	12*	LoE ² 270 on 3 mm Clear (ε = 0.035, S2) LoE ² 270 on 3mm Clear (ε = 0.035, S4) i89 on 3mm Clear (ε = 0.149, S5)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.89		0.23		0.42			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				34			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.02, S2, ε=0.035, S4), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	13*	LoE ³ 366 on 3 mm Clear (ε = 0.02, S2) LoE ² 270 on 3mm Clear (ε = 0.035, S4)	Clear	Generic Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.88		0.18		0.40			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				32			

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Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E (ε=0.02, S2, ε=0.035, S4, ε=0.149, S6), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	14*	LoE ³ 366 on 3 mm Clear (ε = 0.02, S2) LoE ² 270 on 3mm Clear (ε = 0.035, S4) i89 on 3mm Clear (ε = 0.149, S6)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.81		0.18		0.39			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				32			

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Nav Windows and Doors							
Address: 5736 Production Way, Building A, Langley, BC V3A 4N4, Canada							
Email: navwindowsservice@gmail.com, Tel: (866) 592-5119							
Energy Performance Results for Series 5000 Casement Window							
PVC frame; Triple glazed system, Argon 90% gap fill, Low E ($\epsilon=0.02$, S2, $\epsilon=0.02$, S4, $\epsilon=0.149$, S6), Spacer: Quanex Super Spacer S2 Premium							
No. of glazing layers	Glazing option no.	Glass surface emissivity with Low-E coating	Tint description	Glass type(s)	Spacer type(s)	Gap fill(s)	Gap width(s)
3	15*	LoE ³ 366 on 3 mm Clear ($\epsilon = 0.02$, S2) LoE ³ 366 on 3mm Clear ($\epsilon = 0.02$, S4) i89 on 3mm Clear ($\epsilon = 0.149$, S6)	Clear	3mm Clear	Quanex Super Spacer S2 Premium	Argon 90%	12.7 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.80		0.17		0.36			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				32			

Thermal performance and visual transmittance ratings certified to CSA A440.2:22 & NFRC 100-2020.

Ratings are determined for fixed set of environmental conditions and a specific product. LabTest Certification Inc. agency does not recommend or warrant product for any specific use.

Les taux de performance thermique et de transmission visuelle certifiées selon la norme CSA A440.2:22 & NFRC 100-2020. L'évaluation est déterminée pour un ensemble fixe de conditions environnementales et un produit spécifique. LabTest Certification Inc. ne recommande pas et ne recommande aucun produit pour une utilisation particulière.

NOTES:

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