

1. Performance Class and Performance Grade marking example:

Overall Rating Label

 Evaluated to/Évalué pour: AAMA/WDMA/CSA 101/I.S.2/A440-17 CSA A440S1:19	Manufacturer: Home Fortune Enterprise Ltd Address: Unit 120-8812 Laurel Street, Vancouver BC V6P 3V8, Canada Email: homefortunecanada@gmail.com Tel: (604) 838-8800 5000 Series Composite Window Class LC – PG30 – Size tested: 2970 x 2160 mm (~116.9 x 85 in) Positive/ Negative ASD Design Pressure (DP) = 1440 Pa Water Penetration Resistance Test Pressure = 220 Pa Canadian Air Infiltration/ Exfiltration = A3 Level
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5000 Series Casement Window Label

 Evaluated to/Évalué pour: AAMA/WDMA/CSA 101/I.S.2/A440-17 CSA A440S1:19	Manufacturer: Home Fortune Enterprise Ltd Address: Unit 120-8812 Laurel Street, Vancouver BC V6P 3V8, Canada Email: homefortunecanada@gmail.com Tel: (604) 838-8800 Model No: HF-5000C-IGXX 5000 Series Casement Window Class LC – PG30 – Size tested: 815 x 1500 mm (~32.1 x 59.1 in) – Type C Positive/ Negative ASD Design Pressure (DP) = 1440 Pa Water Penetration Resistance Test Pressure = 220 Pa Canadian Air Infiltration/ Exfiltration = A3 Level
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5000 Series Fixed Window Label

 Evaluated to/Évalué pour: AAMA/WDMA/CSA 101/I.S.2/A440-17 CSA A440S1:19	Manufacturer: Home Fortune Enterprise Ltd Address: Unit 120-8812 Laurel Street, Vancouver BC V6P 3V8, Canada Email: homefortunecanada@gmail.com Tel: (604) 838-8800 Model No: HF-5000FW-IGXX 5000 Series Fixed Window Class LC – PG30 – Size tested: 2155 x 2160 mm (~84.8 x 85 in) – Type FW Positive/ Negative ASD Design Pressure (DP) = 1440 Pa Water Penetration Resistance Test Pressure = 220 Pa Canadian Air Infiltration/ Exfiltration = Fixed Level
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Vertical Mullion Label

 Evaluated to/Évalué pour: AAMA/WDMA/CSA 101/I.S.2/A440-17 CSA A440S1:19	Manufacturer: Home Fortune Enterprise Ltd Address: Unit 120-8812 Laurel Street, Vancouver BC V6P 3V8, Canada Email: homefortunecanada@gmail.com Tel: (604) 838-8800 Class LC – PG30 – Size tested: 2160 mm (85 in) span/ 1487.5 mm (58.6 in) TribWd MA Positive/ Negative ASD Design Pressure (DP) = 1440 Pa Water Penetration Resistance Test Pressure = 220 Pa Canadian Air Infiltration/ Exfiltration = A3 Level
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Horizontal Mullion Label

 Evaluated to/Évalué pour: AAMA/WDMA/CSA 101/I.S.2/A440-17 CSA A440S1:19	Manufacturer: Home Fortune Enterprise Ltd Address: Unit 120-8812 Laurel Street, Vancouver BC V6P 3V8, Canada Email: homefortunecanada@gmail.com Tel: (604) 838-8800 Class LC – PG30 – Size tested: 815 mm (32.1 in) span/ 737.5 mm (29 in) TribWd MA Positive/ Negative ASD Design Pressure (DP) = 1440 Pa Water Penetration Resistance Test Pressure = 220 Pa Canadian Air Infiltration/ Exfiltration = A3 Level
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Legend:

Class LC

PG30

PG1440 (SI)

Size tested 815 x 1500 mm

Size tested 32.1 x 59.1 in

Casement Window or Type C

Fixed Window or Type FW

MA

Size tested 815 mm (32.1 in) span

Size tested 737.5 mm (29 in) TribWd MA

– Performance Class

– Performance Grade (IP)

– Performance Grade (SI)

– Maximum size tested (SI)

– Maximum size tested (IP)

– Product type

– Product type

– Mullion assembly product type

– Maximum mullion span tested

– Maximum mullion tributary width tested

2. Energy Performance marking example:

Home Fortune Enterprise Ltd Address: Unit 120-8812 Laurel Street, Vancouver BC V6P 3V8, Canada Email: homefortunecanada@gmail.com Tel: (604) 838-8800							
Energy Performance Results for 5000 Series Casement Window – HF-5000C-IG01 PVC frame; Double glazed system, Argon (90%) gap fill, ($\epsilon = 0.018$, S2, $\epsilon = 0.149$, S4), Spacer: Chromatech Ultra Warm Edge Black Spacer							
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	01*	Solarban 70 on 3mm Clear ($\epsilon = 0.018$, S2) i89 on 6mm Clear ($\epsilon = 0.149$, S4)	Clear	6mm Clear	Chromatech Ultra Warm Edge Black Spacer	Argon (90%)	11.1 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.33		0.17		0.38			
Air Leakage [L/s · m ²]				Energy Rating			
0.3				20			

Energy performance and visual transmittance ratings certified to CSA A440.2:19. 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 énergétique et de transmission visible sont certifiés norme CSA A440.2:19. Les taux sont déterminés selon une série de conditions environnementales fixes et une taille de produit particulière. LabTest Certification Inc. ne recommande ni ne garantie le produit aux fins d'utilisation particulière.

**NOTES:**

*Represents the Glazing Option according to Listing Report (can be only 1 - 4 at time of this report).

Home Fortune Enterprise Ltd Address: Unit 120-8812 Laurel Street, Vancouver BC V6P 3V8, Canada Email: homefortunecanada@gmail.com Tel: (604) 838-8800							
Energy Performance Results for 5000 Series Casement Composite Window – HF-5000C-IG02 PVC frame; Double glazed system, Argon (90%) gap fill, ($\epsilon = 0.018$, S2, $\epsilon = 0.149$, S4), Spacer: Chromatech Ultra Warm Edge Black Spacer							
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	02*	Solarban 70 on 3mm Clear ($\epsilon = 0.018$, S2) i89 on 4mm Clear ($\epsilon = 0.149$, S4)	Clear	4mm Clear	Chromatech Ultra Warm Edge Black Spacer	Argon (90%)	17.5 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.32		0.17		0.38			
Air Leakage [L/s · m ²]				Energy Rating			
0.3				20			

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Energy Performance Results for 5000 Series Casement Composite Window – HF-5000C-IG03 PVC frame; Triple glazed system, Argon (90%) gap fill, ($\epsilon = 0.035$, S2, $\epsilon = 0.035$, S4), Spacer: Chromatech Ultra Warm Edge Black Spacer							
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	03*	Solarban 60 on 3mm Clear ($\epsilon = 0.035$, S2) Solarban 60 on 3mm Clear ($\epsilon = 0.035$, S4)	Clear	3mm Clear	Chromatech Ultra Warm Edge Black Spacer	Argon (90%)	11.1 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.11		0.20		0.36			
Air Leakage [L/s · m ²]				Energy Rating			
0.3				27			

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Energy Performance Results for 5000 Series Casement Composite Window – HF-5000C-IG04 PVC frame; Triple glazed system, Argon (90%) gap fill, ($\epsilon = 0.018$, S2, $\epsilon = 0.018$, S4), Spacer: Chromatech Ultra Warm Edge Black Spacer							
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	04*	Solarban 70 on 3mm Clear ($\epsilon = 0.018$, S2) Solarban 70 on 3mm Clear ($\epsilon = 0.018$, S4)	Clear	3mm Clear	Chromatech Ultra Warm Edge Black Spacer	Argon (90%)	11.1 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.09		0.13		0.27			
Air Leakage [L/s · m ²]				Energy Rating			
0.3				23			

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Energy Performance Results for 5000 Series Fixed Window – HF-5000FW-IG01 PVC frame; Double glazed system, Argon (90%) gap fill, (ϵ = 0.018, S2, ϵ = 0.149, S3), Spacer: Chromatech Ultra Warm Edge Black Spacer							
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	01*	Solarban 70 on 3mm Clear (ϵ = 0.018, S2) i89 on 6mm Clear (ϵ = 0.149, S3)	Clear	6mm Clear	Chromatech Ultra Warm Edge Black Spacer	Argon (90%)	11.1 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.20		0.21		0.49			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				26			

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Energy Performance Results for 5000 Series Fixed Window – HF-5000FW-IG02 PVC frame; Double glazed system, Argon (90%) gap fill, (ϵ = 0.018, S2, ϵ = 0.149, S4), Spacer: Chromatech Ultra Warm Edge Black Spacer							
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	02*	Solarban 70 on 3mm Clear (ϵ = 0.018, S2) i89 on 4mm Clear (ϵ = 0.149, S4)	Clear	4mm Clear	Chromatech Ultra Warm Edge Black Spacer	Argon (90%)	17.5 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
1.22		0.21		0.49			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				25			

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Energy Performance Results for 5000 Series Fixed Window – HF-5000FW-IG03 PVC frame; Triple glazed system, Argon (90%) gap fill, ($\epsilon = 0.035$, S2, $\epsilon = 0.035$, S4), Spacer: Chromatech Ultra Warm Edge Black Spacer							
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	03*	Solarban 60 on 3mm Clear ($\epsilon = 0.035$, S2) Solarban 60 on 3mm Clear ($\epsilon = 0.035$, S4)	Clear	3mm Clear	Chromatech Ultra Warm Edge Black Spacer	Argon (90%)	11.1 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.91		0.26		0.47			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				35			

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Energy Performance Results for 5000 Series Fixed Window – HF-5000FW-IG04 PVC frame; Triple glazed system, Argon (90%) gap fill, ($\epsilon = 0.018$, S2, $\epsilon = 0.018$, S4), Spacer: Chromatech Ultra Warm Edge Black Spacer							
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	04*	Solarban 70 on 3mm Clear ($\epsilon = 0.018$, S2) Solarban 70 on 3mm Clear ($\epsilon = 0.018$, S4)	Clear	3mm Clear	Chromatech Ultra Warm Edge Black Spacer	Argon (90%)	11.1 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² · K]		Solar Heat Gain Coefficient		Visible Transmittance			
0.88		0.16		0.35			
Air Leakage [L/s · m ²]				Energy Rating			
0.1				30			

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