

Fenestration Certification Labels

Manufacturer: DAKO Sp. z o.o.

Project No.: LV-15102

Report No.: 40.00.15102-3

➤ **Performance Class and Performance Grade permanent marking example for the entire Window System Assembly:**

  Evaluated to/Évalué pour: CSA 101/1.S.2/A440-17	Manufacturer: DAKO SP z o.o Telephone: +48 18 414 26 75, Email: info@dako.eu Address: Aleje Piłsudskiego 88, 33-300 Nowy Sącz, Poland Dual Action Window – Series DA-77 Hidden Sash Class AW - PG60 - Size tested: 1524 mm x 2515 mm – Type DAW Class AW - PG60 - Size tested: 60 inches x 99 inches Design Pressure (DP): ± 2880 Pa Structural Pressure (SP): ± 4320 Pa Water Penetration Resistance Test Pressure: 720 Pa Canadian Air Infiltration/Exfiltration: A3 Levell Forced Entry Resistance: Grade 10 Pass	Legend: Class AW – Performance Class PG60 – Performance Grade (IP) Size tested 600 mm x 1500 mm – Maximum size tested (SI) Size tested 23.6 in x 59.1 in – Maximum size tested (IP) Dual Action Window (Type DAW) – Product type Conforms to: by AAMA/WDMA/CSA 101/1.S.2/A440-17 DA-77DA-DA-77-HS-IG03
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➤ **Energy Performance marking example – Glass option #1:**

 DAKO Sp z o.o. Telephone +48 18 414 26 75, Email: info@dako.eu Address: Aleje Piłsudskiego 88, 33-300 Nowy Sącz, Poland							
Energy Performance Results for Dual Action Window – Series DA-77 HS Extruded aluminum frame: Triple glazed system; Clear LowE coating, as per option stated below: Argon 90% gap filled: Spacer: Desiccant-filled aluminum spacer: Weather stripping: N/A.							
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	1	LowE-ClimaGuard 70/36 (S3) on 4 mm Clear	Clear LowE	SGG Planitherm XN 4 mm	Desiccant-filled aluminum spacer	Argon 90%	18 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² * K]		Solar heat gain coefficient		Visible Transmittance			
1.17		0.37		0.56			
Air Leakage [L/s * m ²]				Condensation Resistance		Energy Rating	
0.46				65		35	
Thermal performance and visual transmittance ratings certified to CSA A440.2-19 & NFRC 100-17. 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 100-17. 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. CODE: DA-77DA-DA-77-HS-IG01							

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➤ **Energy Performance marking example – Glass option #2:**

 DAKO Sp z o.o. Telephone +48 18 414 26 75, Email: info@dako.eu Address: Aleje Piłsudskiego 88, 33-300 Nowy Sącz, Poland							
Energy Performance Results for Dual Action Window – Series DA-77 HS Extruded aluminum frame: Triple glazed system; Clear LowE coating, as per option stated below: Argon 90% gap filled: Spacer: Desiccant-filled aluminum spacer: Weather stripping: N/A.							
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	2	LowE-ClimaGuard 70/36 (S3) on 4 mm Clear	Clear LowE	SGG Planitherm XN II 4 mm	Desiccant-filled aluminum spacer	Argon 90%	18 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² * K]		Solar heat gain coefficient		Visible Transmittance			
1.16		0.37		0.56			
Air Leakage [L/s * m ²]				Condensation Resistance		Energy Rating	
0.46				65		35	
Thermal performance and visual transmittance ratings certified to CSA A440.2-19 & NFRC 100-17. 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 100-17. 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. CODE: DA-77DA-DA-77-HS-IG02							

Fenestration Certification Labels

Manufacturer: DAKO Sp. z o.o.

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Report No.: 40.00.15102-3

➤ **Energy Performance marking example – Glass option #3:**

 DAKO Sp z o.o. Telephone +48 18 414 26 75, Email: info@dako.eu Address: Aleje Piłsudskiego 88, 33-300 Nowy Sącz, Poland							
Energy Performance Results for Dual Action Window – Series DA-77 HS Extruded aluminum frame: Triple glazed system; Clear LowE coating, as per option stated below: Argon 90% gap filled: Spacer: Desiccant-filled aluminum spacer: Weather stripping: N/A.							
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	3	LowE-ClimaGuard 70/36 (S3) on 4 mm Clear	Clear LowE	SGG Planitherm XN II 6 mm	Desiccant-filled aluminum spacer	Argon 90%	14 mm / 16 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m ² * K]		Solar heat gain coefficient		Visible Transmittance			
1.15		0.36		0.55			
Air Leakage [L/s * m ²]				Condensation Resistance		Energy Rating	
0.46				65		35	
Thermal performance and visual transmittance ratings certified to CSA A440.2-19 & NFRC 100-17. 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 100-17. 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. CODE: DA-77DA-DA-77-HS-IG03							

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➤ **Energy Performance marking example – Glass option #4:**

 DAKO Sp z o.o. Telephone +48 18 414 26 75, Email: info@dako.eu Address: Aleje Piłsudskiego 88, 33-300 Nowy Sącz, Poland Energy Performance Results for Dual Action Window – Series DA-77 HS Extruded aluminum frame: Triple glazed system: Clear LowE coating, as per option stated below: Argon 90% gap filled: Spacer: Desiccant-filled aluminum spacer: Weather stripping: N/A.							
No. of glazing layers: 3	Glazing option no. 4	Glass surface emissivity with Low-E coating: LowE-ClimaGuard 70/36 (S3) on 4 mm Clear	Tint description: Clear LowE	Glass type(s) SGG Planitherm XN lami 44-1 (8.4mm) mm SGG Planitherm XN II 4mm SGG Planitherm XN II 4mm	Spacer type(s) Desiccant-filled aluminum spacer	Gap fill(s) Argon 90%	Gap width(s) 16 mm
ENERGY PERFORMANCE RATINGS							
U factor [W/m² * K] 1.16		Solar heat gain coefficient 0.35		Visible Transmittance 0.55			
Air Leakage [L/s * m²] 0.46				Condensation Resistance 65		Energy Rating 34	
Thermal performance and visual transmittance ratings certified to CSA A440.2-19 & NFRC 100-17. 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 100-17. 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.							
CODE: DA-77DA-DA-77-HS-IG04							