



Notice of
Certification Authorization Report
 National Fenestration Rating Council

Neon Energy USA Inc

Autostrada Levan-Vlore km3
 Levan - Fier, 9303, Albania

Keystone Certifications, Inc.
 145 Limekiln Rd, Suite 100B
 New Cumberland, PA 17070
 Phone: 717-932-8500

Product Line#:	NEO-K-5
Certification ID#:	10914
Certification Date:	10/5/2017
Revision No:	1
Revision Date:	5/8/2023
Expiration Date:	2/11/2028

Product Line Information

Model / Series:	Ultra Curtain Wall
Operator Type:	GWCW
Frame Type:	AT
Sash Type:	NA

Applicable Test Reports

Validation Report:	P2845.01-116-46
Simulation Report:	P2843.01 R1/.02-116-45
Air Leakage Report:	NCTL-110-19966-1

Ratings Authorized For Certification

Rating	Property	Authorized
NFRC 100	U-factor	Yes
NFRC 200	Solar Heat Gain Coefficient	Yes
	Visible Light	Yes
NFRC 400	Air Leakage	Yes
NFRC 500	Condensation Resistance	Yes

Corresponding CAR may be downloaded for printing at www.nfrc.org

Due diligence was used in authorizing these products for certification. By accepting this report the licensee agrees to hold harmless and indemnify Keystone Certifications, Inc. from all claims or liabilities which may arise based on this certification authorization. Certification authorization is based on NFRC program requirements and simulation and test reports from accredited laboratories.

This Certification Authorization Report is issued by Keystone Certifications, Inc. (KCI), an NFRC-Licensed Inspection Agency (IA), after a full review and validation in accordance with strict NFRC requirements and the standards referenced herein and is based on the standardized evaluation and rating of the product line by independent NFRC-Accredited Testing and Simulation Laboratories. Actual performance of products may vary based on many factors including, but not limited to, installation, site-conditions, age of product and use of non-evaluated components.

This authorization indicates that the product ratings for products included in this product line are valid and that these products are eligible for the application of NFRC Temporary and Permanent Labels. The Licensee stipulates in affixing certification labels to the individual products, that those specific products are representative of products that have been evaluated by KCI. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at www.keystonecerts.com. Fenestration products are not NFRC Certified unless manufactured and labeled in accordance with the current version of NFRC-700, Product Certification Program requirements.



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Revision History

Rev #	Date	Description
0	10/5/2017	Initial Issuance.
1	5/8/2023	Recertification. Added Option #43.

NFRC Product Certification Authorization Report



Manufacturer: NEON ENERGY USA INC. **Product Series:** Ultra Curtain Wall **Simulation Lab:** SATI **Initial Cert. Date:** 10/05/2017
Street: 4989 E La Palma Avenue **Product Type:** GWCW **Sim. Report #:** P2843.02-116-45 **Re-Certification Date:** 05/08/2023
City/State/Zip: Anaheim, CA 92807 **Air Leakage:** **Sim. Report Date:** 03/14/2023 **Revised Date:** 03/14/2023
Print Date: 05/08/2023 **Test Date:** 02/11/2023 **Expiration Date:** 02/11/2028

CPD Number: NEO-K-5															IA: Keystone Certifications, Inc.
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Llys	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00022-00001	SNX50/ARG90/CLR (6MM/5MM) - 27MM IG	AT/NA	2	0.027(2)	0.630	A1-D	Fill 1: ARG(90/10)	N		CL	0.36	0.21	0.45	56
	00023-00001	SNX60/ARG90/CLR (6MM/5MM) - 27MM IG	AT/NA	2	0.026(2)	0.630	A1-D	Fill 1: ARG(90/10)	N		CL	0.36	0.25	0.54	56
	00024-00001	SN4023/ARG90/CLR (6MM/5MM) - 27MM IG	AT/NA	2	0.026(2)	0.630	A1-D	Fill 1: ARG(90/10)	N		CL	0.36	0.21	0.36	56
	00025-00001	SN7037/ARG90/CLR (6MM/6MM) - 28MM IG	AT/NA	2	0.022(2)	0.630	A1-D	Fill 1: ARG(90/10)	N		CL	0.36	0.32	0.63	53
	00026-00001	SN7037/ARG90/CLR (6MM/5MM) - 27MM IG	AT/NA	2	0.022(2)	0.630	A1-D	Fill 1: ARG(90/10)	N		CL	0.36	0.32	0.64	56
	00027-00001	SNX50/ARG90/CG-Dry (6MM/5MM) - 27MM IG	AT/NA	2	0.027(2), 0.2(4)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.30	0.20	0.44	51
	00028-00001	SNX50/ARG90/CG-Premium2T (6MM/6MM) - 28MM IG	AT/NA	2	0.027(2), 0.041(3)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.33	0.21	0.44	60
	00029-00001	SNX60/ARG90/CG-Dry (6MM/5MM) - 27MM IG	AT/NA	2	0.026(2), 0.2(4)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.30	0.24	0.53	51
	00030-00001	SNX60/ARG90/CG-Premium2T (6MM/6MM) - 28MM IG	AT/NA	2	0.026(2), 0.041(3)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.33	0.25	0.53	60
	00031-00001	SN4023/ARG90/CG-Dry (6MM/5MM) - 27MM IG	AT/NA	2	0.026(2), 0.2(4)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.30	0.20	0.35	51
	00032-00001	SN4023/ARG90/CG-Premium2T (6MM/6MM) - 28MM IG	AT/NA	2	0.026(2), 0.041(3)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.33	0.20	0.35	60
	00033-00001	SN51/ARG90/CG-Dry (6MM/5MM) - 27MM IG	AT/NA	2	0.026(2), 0.2(4)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.30	0.23	0.45	51
	00034-00001	SN51/ARG90/CG-Premium2T (6MM/6MM) - 28MM IG	AT/NA	2	0.026(2), 0.041(3)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.33	0.24	0.45	60
	00035-00001	SN7037/ARG90/CG-Dry (6MM/6MM) - 28MM IG	AT/NA	2	0.022(2), 0.2(4)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.30	0.31	0.62	52
	00036-00001	SN7037/ARG90/CG-Premium2T (6MM/6MM) - 28MM IG	AT/NA	2	0.022(2), 0.041(3)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.33	0.32	0.62	60
	00037-00001	SN7037/ARG90/CG-Dry (6MM/5MM) - 27MM IG	AT/NA	2	0.022(2), 0.2(4)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.30	0.31	0.62	51
	00038-00001	SN7037/ARG90/CG-Premium2T (6MM/4MM) - 26MM IG	AT/NA	2	0.022(2), 0.041(3)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.34	0.32	0.63	60

NFRC Product Certification Authorization Report



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City/State/Zip: Anaheim, CA 92807 **Air Leakage:** **Sim. Report Date:** 03/14/2023 **Revised Date:** 03/14/2023
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CPD Number: NEO-K-5		IA: Keystone Certifications, Inc.													
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00039-00001	SN7037/ARG90/CLR/ARG90/CGPremiu m2T (6MM/5MM/6MM) - 39MM IG	AT/NA	3	0.022(2), 0.041(5)	0.394,0.472	TS-D	Fill 1: ARG(90/10) , Fill 2: ARG(90/10)	N		CL	0.21	0.29	0.57	72
	00040-00001	SNX60/ARG90/CLR/ARG90/CGPremiu m2T (6MM/5MM/6MM) - 39MM IG	AT/NA	3	0.026(2), 0.041(5)	0.394,0.472	TS-D	Fill 1: ARG(90/10) , Fill 2: ARG(90/10)	N		CL	0.21	0.23	0.48	72
	00041-00001	SNX60/ARG90/CLR/ARG90/CGPremiu m2T (6MM/4MM/4MM) - 36MM IG	AT/NA	3	0.026(2), 0.041(5)	0.394,0.472	TS-D	Fill 1: ARG(90/10) , Fill 2: ARG(90/10)	N		CL	0.22	0.23	0.49	72
	00042-00001	SN7037/ARG90/CLR-LAMI (6MM/5MM 0 38PVB 5MM) - 32MM IG	AT/NA	2	0.022(2)	0.630	TS-D	Fill 1: ARG(90/10)	N		CL	0.33	0.32	0.62	60
	00043-00001	CLR/ARG90/SN51 (6MM/6MM) - 28MM IG	AT/NA	2	0.026(3)	0.630	A1-D	Fill 1: ARG(90/10)	N		CL	0.37	0.38	0.46	53

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATI	02/11/2023	2000 mm x 2000 mm	0.291	0.281	P2845.01-116-46

Comments: 90% ARG-dual probe. Anodized and painted aluminum are grouped.

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA
Signature: _____