



Notice of
Certification Authorization Report
 National Fenestration Rating Council

Drutex S.A.

Lęborska 31
 Bytów, 77-100, Poland

Keystone Certifications, Inc.
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Product Line#:	DRU-K-5
Certification ID#:	11902
Certification Date:	8/18/2022
Revision No:	2
Revision Date:	10/11/2022
Expiration Date:	8/19/2026

Product Line Information

Model / Series:	IGLO ENERGY Classic Fixed Window
Operator Type:	FIXD
Frame Type:	VA
Sash Type:	NA

Applicable Test Reports

Validation Report:	L9175.01-116-46
Simulation Report:	L9174.02-116-45

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	No
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	8/18/2022	Initial Issuance.
1	8/23/2022	Updated Model Name.
2	10/11/2022	Added options 3-10.

NFRC Product Certification Authorization Report



Manufacturer: DRUTEX S.A. **Product Series:** IGLO ENERGY Classic Fixed Window **Simulation Lab:** SATI **Initial Cert. Date:** 08/17/2022
Street: Lebroska 21 **Product Type:** FIXD **Sim. Report #:** L9174.02-116-45 **Re-Certification Date:**
City/State/Zip: Bytow, Poland 77-100 **Air Leakage:** **Sim. Report Date:** 06/24/2022 **Revised Date:** 09/14/2022
Print Date: 10/11/2022 **Test Date:** 08/19/2021 **Expiration Date:** 08/19/2026

CPD Number: DRU-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.																
	00001-00001	CG PREMIUM 2 / ARG90 / EXTRA CLR / ARG90 / CG PREMIUM 2 (4MM/4MM/4MM) - 48MM IG	VA/NA	3	0.039(2), 0.039(5)	0.709,0.709	TP-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.15	0.39	0.56	79																
	00002-00001	CG PREMIUM 2 / ARG90 / EXTRA CLR / ARG90 / SN 63 (4MM/4MM/6MM) - 48MM IG	VA/NA	3	0.039(2), 0.026(5)	0.709,0.669	TP-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.15	0.30	0.43	79																
	00003-00001	CG PREMIUM 2 / ARG90 / EXTRA CLR / ARG90 / CLR-LAMI (4MM/4MM/4MM 6X015 PVB 4MM) - 46MM IG	VA/NA	3	0.039(2)	0.551,0.630	TP-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.20	0.41	0.56	74																
	00004-00001	CG PREMIUM 2 / ARG90 / EXTRA CLR / ARG90 / CLR-LAMI (6MM/6MM/4MM 6X015 PVB 4MM) - 46MM IG	VA/NA	3	0.039(2)	0.394,0.630	TP-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.20	0.40	0.55	72																
	00005-00001	CG PREMIUM 2 / ARG90 / EXTRA CLR / ARG90 / CLR-LAMI (6MM/6MM/6MM 6X015 PVB 6MM) - 46MM IG	VA/NA	3	0.039(2)	0.394,0.472	TP-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.20	0.40	0.55	71																
	00006-00001	CG PREMIUM 2 / ARG90 / CLR-LAMI / ARG90 / CG PREMIUM 2 (4MM/3MM 2X015 PVB 3MM/4MM) - 48MM IG	VA/NA	3	0.039(2), 0.039(5)	0.630,0.709	TP-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.15	0.38	0.55	78																
	00007-00001	CG PREMIUM 2 / ARG90 / EXTRA CLR / ARG90 / CG PREMIUM 2 (6MM/4MM/6MM) - 48MM IG	VA/NA	3	0.039(2), 0.039(5)	0.630,0.630	TP-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.15	0.38	0.56	77																
	00008-00001	CG PREMIUM 2 / ARG90 / EXTRA CLR / ARG90 / CG PREMIUM 2 (8MM/4MM/8MM) - 48MM IG	VA/NA	3	0.039(2), 0.039(5)	0.551,0.551	TP-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.15	0.37	0.55	79																
	00009-00001	LAMI-CG PREMIUM 2 / ARG90 / EXTRA CLR / ARG90 / CG PREMIUM 2 -LAMI (4MM 4X015 PVB 4MMM/4MM/4MM 4X015 PVB 4MM) - 44MM IG	VA/NA	3	0.039(2), 0.039(5)	0.472,0.472	TP-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.16	0.36	0.54	78																
	00010-00001	CG PREMIUM 2 / ARG90 / EXTRA CLR / ARG90 / CG PREMIUM 2-LAMI (4MM/4MM/4MM 4X015 PVB 4MMM) - 46MM IG	VA/NA	3	0.039(2), 0.039(5)	0.551,0.551	TP-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.15	0.39	0.55	80																

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATI	08/19/2021	1200 mm x 1499 mm	0.158	0.156	L9175.01-116-46

Comments: 90% Argon, Single probe. 10/7/22: Added options 3-10.

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: _____