

NFRC Product Certification Authorization Report



Manufacturer: Smartglass Inc. **Product Series:** KELLER minimal windows® Horizontal Sliding Window **Simulation Lab:** SFTL **Initial Cert. Date:** 03/08/2016
Street: 55 S.E. 2nd Avenue **Product Type:** HSOX **Sim. Report #:** 8671 **Re-Certification Date:**
City/State/Zip: Delray Beach, FL 33444 **Air Leakage:** **Sim. Report Date:** 10/09/2015 **Revised Date:**
Print Date: 03/09/2016 **Test Date:** 06/30/2015 **Expiration Date:** 06/30/2020

CPD Number: SMG-M-2													IA: National Accreditation And Management Institute			
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.	
	00001-00001	1/4" SNX 51/23-ARG-1/4" clear	AT/AP	2	0.021(2)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.40	0.19	0.41	47	
	00002-00001	1/4" SNX 62/27-ARG-1/4" clear	AT/AP	2	0.02(2)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.40	0.22	0.49	47	
	00003-00001	1/4" SN68-ARG-1/4" clear	AT/AP	2	0.039(2)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.40	0.31	0.54	47	
	00004-00001	1/4" SN68-ARG-1/4" SG IS20	AT/AP	2	0.039(2),0.198(4)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.36	0.30	0.53	42	
	00005-00001	1/4" SNX 62/27 gray-ARG-1/4" clear	AT/AP	2	0.02(2)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		GY	0.40	0.18	0.36	47	
	00006-00001	1/4" SNX 62/27 gray-ARG-1/4" SG IS-20	AT/AP	2	0.02(2),0.198(4)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		GY	0.36	0.17	0.35	43	
	00007-00001	1/4" SNX 51/23-ARG-1/4" SG IS-20	AT/AP	2	0.021(2),0.198(4)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.36	0.18	0.40	43	
	00008-00001	1/4" LoE 366-ARG-1/4" i89	AT/AP	2	0.022(2),0.149(4)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.36	0.22	0.49	42	
	00009-00001	1/4" SB70XL-ARG-1/4" clear	AT/AP	2	0.018(2)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.40	0.22	0.51	47	
	00010-00001	1/4" SBR100-ARG-1/4" clear	AT/AP	2	0.036(2)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.40	0.19	0.33	47	
	00011-00001	1/4" SBR70XL-ARG-1/4" Energy Advantage	AT/AP	2	0.018(2),0.157(4)	0.750	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.36	0.21	0.48	42	
	00012-00001	1/4" SNX62/27-ARG-1/4" clear-090 SGP-1/4 clear	AT/AP	2	0.02(2)	0.500	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.38	0.18	0.35	47	
	00013-00001	1/4" SNX51/23-ARG-1/4" clear-090 SGP-1/4 clear	AT/AP	2	0.021(2)	0.500	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.38	0.19	0.39	47	
	00014-00001	1/4" SNX62/27 gray-ARG-1/4" clear-090 SGP-1/4 clear	AT/AP	2	0.02(2)	0.500	TS-D	Fill 1: ARG/AIR (90/10)	N		GY	0.38	0.18	0.35	47	
	00015-00001	1/4" SN68-ARG-1/4" clear-090 SGP-1/4 clear	AT/AP	2	0.039(2)	0.500	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.39	0.30	0.53	47	
	00016-00001	1/4" SB70XL-ARG-1/4" clear-090 SGP-1/4 clear	AT/AP	2	0.018(2)	0.500	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.38	0.22	0.50	47	
	00017-00001	1/4" LoE366-ARG-1/4" clear-090 SGP-1/4 i89	AT/AP	2	0.039(2),0.198(4)	0.500	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.34	0.22	0.47	42	
	00018-00001	1/4" SN68-ARG-1/4" clear-090 SGP-1/4 IS-20	AT/AP	2	0.039(2),0.198(4)	0.500	TS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.35	0.29	0.51	43	

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TFTL	06/30/2015	2000 mm x 2000 mm	0.398	0.380	8233

Comments:

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: _____

