NFRC Product Certification Authorization Report

Manufacturer: XIAMEN KDSBUILDING MATERIAL CO. LTD
Product Series: 82 Vinyl Double Hung Window
Simulation Lab: SFTL
Initial Cert. Date: 05/19/2026

Street: 4TH FLOOR.CROSS-STRAIT CENTER,FUXIANG, 159 QIANPU ROAD SIMING DISTRICT XIANEN CHINA
Product Type: VSDH
Sim. Report #: QA-5714f
Re-Certification Date:

City/State/Zip: Xiamen, Fujian Province 361008
Air Leakage: ≤ 0.3
Sim. Report Date: 02/13/2026
Revised Date: 01/01/1970

Print Date: 05/19/2026
Test Date: 01/05/2026
Expiration Date: 01/05/2031

CPD Number: XKM-M-4 **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	4W4022(2)-6Arg-4W4022(3)	VY/VY	2	0.031(2), 0.031(3)	0.236	A1-D	Fill 1: ARG (90)	N		CL	0.37	0.16	0.15	46
	00002-00001	3CL-9Arg-3WT72(3)	VY/VY	2	0.041(3)	0.354	A1-D	Fill 1: ARG (90)	N		CL	0.32	0.35	0.51	50
	00003-00001	3CL-9Arg-3WFT50(3)	VY/VY	2	0.046(3)	0.354	A1-D	Fill 1: ARG (90)	N		CL	0.33	0.35	0.38	50
	00004-00001	3CL-9Arg-3CL184(4)	VY/VY	2	0.121(4)	0.354	A1-D	Fill 1: ARG (90)	N		CL	0.36	0.48	0.60	28
	00005-00001	3CL-9Arg-3OptiliteS1.1	VY/VY	2	0.051(3)	0.354	A1-D	Fill 1: ARG (90)	N		CL	0.33	0.42	0.60	49
	00006-00001	3CL-9Arg-3OptiliteS83_3.2	VY/VY	2	0.103(4)	0.354	A1-D	Fill 1: ARG (90)	N		CL	0.36	0.48	0.61	31

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TFTL	**01/05/2026**	1200mm x 1500mm	0.384	0.376	MED-5714t

Comments: Air Leakage Rpt. # QA-5714u

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: