STC/OITC

THERMAL WINDOWS, INC.

High Performance Sound Mitigation Windows, Doors and Terrace Doors for Retrofit or New Construction

Avant Apartments, 1340 S. Figueroa Street - Los Angeles, CA
Series 500 Single Hung, 550 & 851 Fixed, 825 Projected, 1401 Terrace Doors and 9910 Sliding Glass Doors, Clear Anodized finish

In response to increased demand for sound reduction, Thermal Windows, Inc. has developed window and door products with performance ratings as high as **STC 43 / OITC 38**.

High-STC Thermal windows, terrace doors and sliding glass doors are an excellent choice for areas subject to high exterior noise, including:

- Hotels and extended-stay facilities
- Apartments and condos in urban areas
- Military offices and housing
- Structures near airports and heavy traffic

In addition to superior sound reduction, the windows achieve **U-values as low as 0.34**, while providing **AW75** or higher structural performance. Many of these products are now in use at high-end residential and mixed-use projects near major freeways in Los Angeles, Dallas, San Francisco and the Washington, DC metro.

Product Selection Guide

Series	Description	AAMA Rating	STC Rating	OITC Rating	External Glazing	Internal Glazing	Frame Depth	Max I.G. Thickness
500	Single Hung Tilt	CW30	34	27	³⁄₁₆"	⅛"	2⅝" or 3¼"	⅞"
500	Single Hung Tilt	CW30 - AW50	36	30	¼"	¹¹⁄₃₂" Lami	2⅝" or 3¼"	⅞"
515	Single Hung Tilt	CW50	34	27	³⁄₁₆"	⅛"	2⅝" or 3¼"	⅞"
4100	Single Hung Side Load	AW75	34	29	⅛"	³⁄₁₆"	4"	1"
700	Double Hung Tilt	CW30	33	27	³⁄₁₆"	⅛"	3¼"	⅞"
700	Double Hung Tilt	CW30	34	28	¼" Lami	⅛"	3¼"	⅞"
525	Single Horizontal Slider	CW30	33	26	³⁄₁₆"	⅛"	2⅝" or 3¼"	⅞"
525	Single Horizontal Slider	CW30	36	30	¼"	¹¹⁄₃₂" Lami	2⅝" or 3¼"	⅞"
526	Single Horizontal Slider	CW70	34	29	¼"	¼" Lami	2⅝" or 3¼"	⅞"
550	Fixed	CW80	34	27	⅛"	³⁄₁₆"	2⅝"	1"
550	Fixed	CW80	36	29	¼"	¼" Lami	2⅝"	1"
750	Fixed	CW80	33	26	³⁄₁₆"	⅛"	3¼"	1"
851	Fixed	AW75	41	34	¼"	⁵⁄₁₆" Lami	2⅝"	1⁹⁄₁₆"
825	Projected (Awning)	AW80	43	38	¼"	⁵⁄₁₆" Lami	2⅝"	1⁹⁄₁₆"
800	Single Outswing Casement	AW70	35	28	³⁄₁₆"	⅛"	2⅝"	1"
1400	Inswing Terrace Door	AW65	35	28	¼" Temp	³⁄₁₆" Temp	3¼"	1"
1401	Outswing Terrace Door	AW60	39	33	¼"	¼" Lami	3¼"	1⁹⁄₁₆"
9910	Sliding Glass Door	CW30	31	28	¼" Temp	³⁄₁₆" Temp	4⅜"	⅞"
9950	Sliding Glass Door	CW45 to AW80	35	31	¼"	¹¹⁄₃₂" Lami	4⅜"	1"

About Thermal Windows, Inc.

Thermal Windows, Inc. is well into its fourth decade of quality window design and production. We manufacture energy efficient aluminum windows, sliding glass doors and terrace doors for commercial and residential retrofit and new construction. Founded by Bob G. Pool in 1979, the company has grown steadily to become one of the top window manufacturers in America. Sales and manufacturing operations in Tulsa, Oklahoma occupy over 235,000 sq.ft. There are company showrooms in Tulsa and Oklahoma City, as well as dealers in nearly every state.

At Thermal Windows, Inc., our in-house research, design and testing programs provide continuous quality assurance. Our testing equipment is calibrated by a certified AAMA laboratory. All testing is conducted by certified AAMA technicians. In manufacturing, we monitor quality in our powder coat, debridging and insulating glass facilities to maintain a high degree of control over critical areas of window production. Our insulating glass line consistently provides Class "A" certification I.G. units.

In addition to our commitment to testing and upgrading existing products, we continue to design new products to meet the fenestration needs of the residential, commercial and heavy commercial markets.

Thermal Windows, Inc. corporate headquarters • Tulsa, Oklahoma USA

Our central location enables us to ship economically throughout the U.S.A.

AAMA Manufacturer of Certified Products

NFRC National Fenestration Rating Council®

MEMBER **NGA** NATIONAL GLASS ASSOCIATION

CONTINUING EDUCATION **AIA** Approved Provider

Scan the QR code above to visit our website.

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