

An Opening to the World that Redefines Window Versatility



Converse Hall, James Madison University
Harrisonburg, Virginia

ARCHITECT
Moseley Harris & McClintock, Harrisonburg, Virginia

GLAZING CONTRACTOR
Glass & Metals Inc., Harrisonburg, Virginia

PHOTOGRAPHY
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Today, energy concerns are critical, and the 8400TL series provides the flexible balance between energy efficiency, aesthetics and performance. As Leadership in Energy and Environmental Design (LEED®) certifications gain popularity, consider the 8400TL as the window of choice to achieve potential points in the Indoor Environmental Quality category. Whether your project is new construction, building renovation or adaptive reuse of a historic gem, the Kawneer 8400TL series fits the opening.

Here is a thermal window you can have your way, be it fixed, offset fixed, single hung, double hung or horizontal sliding. You may choose a frame option with or without true, applied or between-the-glass muntins as well as optional insect screens. All are available with tested and proven tough finishes and heavy-duty hardware.

AESTHETICS

Gone are the days of compromise. Kawneer 8400TL Thermal Windows return design versatility to the architect, whether it's for new or remodel construction, while still efficiently satisfying the needs of building owners. A variety of exterior pannings and interior trims are available. And with a 4" frame depth, the window takes on a whole new dimension. The 8400TL series window easily accommodates a glass infill thickness of 1/4", 9/16", or 1". In fixed windows, an infill thickness of up to 1-1/2" is available.

To maintain historic authenticity, sash profiles on 8400TL Thermal Windows are available with a beveled face or by using a muntin grid system that replicates exterior putty glazing, making them ideal for remodel or new construction. The hardware used in the operation of the 8400TL series meets the challenge of any task required. For its appearance and durability, high-quality cast white bronze sweep locks are standard. Optional automatic sash locks are also available.



PERFORMANCE

High performance is not an option in the 8400TL series, it's the standard.

Kawneer thermal breaks deliver. That's why we made them standard in every frame and sash of the 8400TL series. Using a combination of the Kawneer IsoLock™ pour and debridge process, each break or separation is mechanically attached by lancing or preconditioning the thermal pockets. The 8400TL series has superior reduction of thermal transmittance and increased condensation resistance. The IsoLock™ thermal break virtually eliminates shrinkage and prevents loss of adhesion. To uphold expected performance levels, the standard recommendation on 8400TL Thermal Windows is factory glazed.

To ensure a strong, weathertight joint, the sashes are assembled with stainless steel screws in coped and butt-type construction. The top and bottom sash stiles run through with interlocking meeting rails, which are double weather-stripped. For easy opening, continuous sash lifts are standard along with block and tackle balances for simple operation. The 8400TL series is ideal for extra-heavy-duty applications when added strength and security are critical.

CLASS AND GRADES

Fixed	AW-PG100-FW
Single Hung	AW-PG70-H
Double Hung	H-AW70
Horizontal Slider (XX or XOX)	HS-AW70
Horizontal Slider (OXO)	HS-AW40

