



DESIGN AND EFFICIENCY

200 Series products deliver Andersen quality at an uncommon value. Built with the right materials in the right places, they offer durability, long-term beauty and options to fit your project needs. And like all Andersen® products, they are supported by over 115 years of commitment to quality and service that can only come from one of the most trusted names in the industry.



- Weather-resistant construction for greater comfort and energy efficiency
- Exclusive Andersen Perma-Shield® system give our windows a tough, protective shell that safeguards the wood inside. It repels water, resists dents* and stays beautiful for years.
- Variety of Low-E glass options available to help control heating and cooling in any climate
- Narrow profiles maximize light and view
- Tilt-wash double-hung windows tilt-in for easy cleaning
- Gliding windows feature a single operating sash for ventilation
- Add curb appeal with grilles and exterior trim

PRODUCT TYPES

- Tilt-wash double-hung windows
- Gliding windows
- Picture & half circle windows



200 SERIES Windows

PRODUCT OPTIONS

GLASS OPTIONS

- Low-E glass
- Low-E glass with HeatLock® technology
- Low-E SmartSun™ glass
- Low-E SmartSun glass with HeatLock technology

Additional glass options, including tempered glass and patterned glass, are available. Contact your Andersen supplier for availability.



EXTERIOR COLORS



INTERIOR OPTIONS



HARDWARE OPTIONS*

TILT-WASH DOUBLE-HUNG

Standard



Lock & Keeper

Standard: Stone | **White**

Optional: Antique Brass | Black
Bright Brass | Gold Dust | Oil Rubbed
Bronze | Satin Nickel

Stone finish is standard with wood interior units. White finish standard with prefinished white interiors.

Bold name denotes finish shown.

Classic Series™



Optional Lift

Stone | **White**

GLIDING WINDOW

Standard



Lock & Keeper

Stone | **White**

Classic



Pull

Stone | **White**

ACCESSORIES

- **Window Opening Control Device**
Limits sash travel to less than 4" when the window is initially opened.
- **Grilles**
Choose from a variety of grille types and patterns included convenient Finelight™ grilles-between-the-glass for easy cleaning.

SIMULATED DIVIDED LIGHTS IN COLONIAL GRILLE PATTERN

- **Exterior Trim**
Add curb appeal with exterior trim, made of Fibrex® composite material and available in 11 colors.

- **Wireless Open/Closed Sensor**
Indicates if windows are open or closed** for peace of mind and feature a sleek, compact design for a clean appearance.



For more information, visit andersenwindows.com/200series

**When properly configured and maintained with a professionally installed security system and/or self-monitoring system compatible with Honeywell® 5800 controls.

Oil rubbed bronze is a "living" finish that will change with time and use. Printing limitations prevent exact finish replication. See your Andersen supplier for actual finish samples.

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TRIFAB® VG (VERSAGLAZE®)
TRIFAB® VG 450, 451 & 451T (THERMAL) FRAMING SYSTEMS &
TRIFAB® 451UT (ULTRA THERMAL) FRAMING SYSTEM



Design + Performance

Versatility with Unmatched Fabrication Flexibility



Geisinger Professional Building
Jenkins Township, Pennsylvania
ARCHITECT
Mericle Commercial Real Estate Services
Wilkes-Barre, Pennsylvania
GLAZING CONTRACTOR
Sterling Glass, Inc., Scranton, Pennsylvania
PHOTOGRAPHER
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Trifab® VersaGlaze® is built on the proven and successful Trifab® platform – with all the versatility its name implies. There are enough framing system choices, fabrication methods, design options and performance levels to please the most discerning building owner, architect and installer. The 4.5" depth Trifab® VersaGlaze® Framing System family is available with non-thermal, thermal and ultra-thermal performance levels. The ultra-thermal Trifab® 451UT Framing System, is designed for the most demanding thermal performance and employs a dual Isolock® thermal break.

AESTHETICS

Trifab® VersaGlaze® Framing Systems offer designers a choice of front-, center-, back- or multi-plane glass applications. Structural silicone

glazing (SSG) and weatherseal glazing options further expand designers' choices, allowing for a greater range of possibilities for specific project requirements and architectural styles. All systems have a 4-1/2" frame depth; Trifab® VersaGlaze® 450 has 1-3/4" sightlines, while Trifab® VersaGlaze® 451/451T and Trifab® 451UT have 2" sightlines.

With seamless incorporation of Kawneer entrances or windows, including GLASSvent® visually frameless ventilators, Trifab® framing can be used on almost any project. These framing systems can also be packaged with Kawneer curtain walls and overhead glazing, thereby providing a full range of proven, and tested, quality products for the owner, architect and installer from a single-source supplier.

ECONOMY

Trifab® VersaGlaze® 450/451/451T/451UT Framing Systems offer a variety of fabrication choices to suit your project:

- **Screw Spline** – for economical continuous runs utilizing two-piece vertical members that provide the option to pre-assemble units with controlled shop labor costs and smaller field crews for handling and installation. (available for all systems)
- **Shear Block** – for punched openings or continuous runs using tubular moldings with shear block clips that provide tight joints for transporting large pre-assembled multi-lite units. (available for 450/451/451T systems)
- **Stick** – for fast, easy field fabrication. Field measurements and material cuts can be done when metal is on the jobsite. (available for 450/451/451T systems)
- **Pre-glazed** – The combination of screw spline construction with pre-glazing in the shop accelerates installation and reduces field labor time while minimizing disruption to the surrounding area or existing tenants. Making it an exceptional choice for new or retrofit applications, particularly in urban areas or where space is limited. (available for 451/451T/451UT framing)



Brighton Landing
Cambridge, Massachusetts

ARCHITECT

ADD Inc., Cambridge, Massachusetts

GLAZING CONTRACTOR

Ipswich Bay Glass Company, Inc., Rowley, Massachusetts

PHOTOGRAPHER

© Gordon Schenck, Jr.

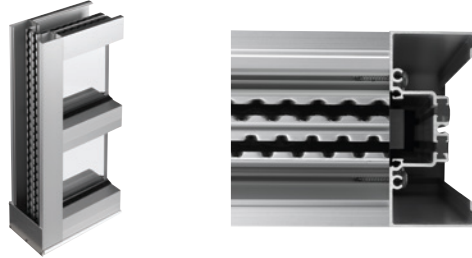
All systems can be flush glazed from either the inside or outside. The weatherseal option provides an alternative to SSG vertical mullions for Trifab® VersaGlaze® 450/451/451T. This ABS/ASA rigid polymer extrusion allows complete inside glazing and creates a flush glass appearance on the building exterior without the added labor of scaffolding or swing stages. Additionally, high-performance flashing options are engineered to eliminate perimeter sill fasteners and associated blind seals.

FOR THE FINISHING TOUCH

Architectural Class I anodized aluminum and painted finishes in fluoropolymer (AAMA 2605) and solvent-free powder coatings (AAMA 2604) offer a variety of color choices.

PERFORMANCE

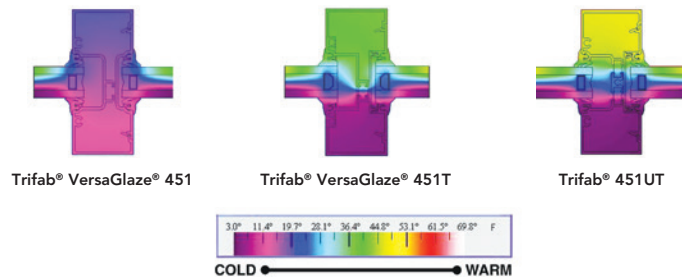
Kawneer's IsoLock® thermal break technology creates a composite section, prevents dry shrinkage and is available on Trifab® VersaGlaze® 451T. For even greater thermal performance, a dual IsoLock® thermal break is used on Trifab® 451UT.



Trifab® 451UT uses a dual IsoLock® thermal break (right) and features a new high-performance sill design, which incorporates a screw-applied end dam (left), ensuring positive engagement and tight joints between the sill flashing and end dam.

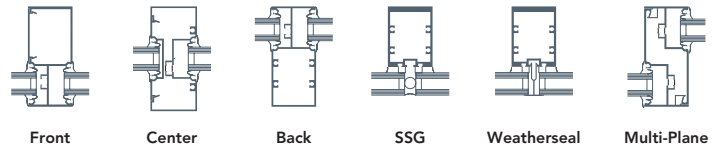
U-factor, CRF values and STC ratings for Trifab® framing systems vary depending upon the glass plane application. Project-specific U-factors can be determined for each individual project. (See the Kawneer Architectural Manual or Kawneer.com for additional information.)

Thermal simulations showing temperature variations from exterior/cold side to interior/warm side.



PERFORMANCE TEST STANDARDS

Air Infiltration	ASTM E283
Water	AAMA 501, ASTM E331
Structural	ASTM E330
Thermal	AAMA 1503
Thermal Break	AAMA 505, AAMA TIR-A8
Acoustical	AAMA 1801, ASTM E1425



White finish.
Grid pattern as shown on elevations.