

# VERSATILITY, ULTRA-THERMAL PERFORMANCE AND MORE DESIGN POSSIBILITIES FRONT AND CENTER

**TRIFAB® VERSAGLAZE® 601/601T/601UT FRAMING SYSTEM**



Kawneer's Trifab® VersaGlaze® 601/601T/601UT Framing System touts the first front set, ultra-thermal 6" storefront system available. By expanding on a proven platform, Trifab® VersaGlaze® 601 offers a choice of front and center plane glass applications in non-thermal, thermal and ultra-thermal configurations. Structural silicone glazing (SSG) options allow for an even greater range of design possibilities for specific project requirements and architectural styles.

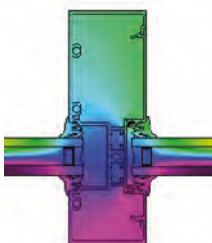
## PERFORMANCE

Flexible enough for a wide range of building projects, the Trifab® VersaGlaze® 601/601T/601UT Framing System has a 6" depth, which accommodates higher spans than conventional 4-1/2" storefront framing systems. The 3-in-1 series includes the non-thermal Trifab® 601, the single thermal break Trifab® 601T and the dual thermal break Trifab® 601UT. The greater system depth combined with three thermal performance options and two glass plane options make this one of the most versatile framing systems available. By combining the greater 6" depth with superior thermal performance and versatility, Kawneer is able to bridge the gap between traditional framing systems

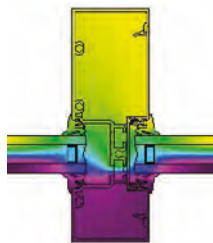
and low-rise curtain walls. The Trifab® 601/601T/601UT Framing System is perfect for projects where an economical alternative to a low-rise curtain wall is desired. These systems meet the same high standards for air and water infiltration and thermal performance that are traditionally found in Kawneer products. The Trifab® 601/601T/601UT Framing System also has a high-performance sill design. The sill attaches to the sill flashing by way of a raceway and eliminates the troublesome blind seal method used on many flashing systems. The sill includes a screw-applied end dam, which ensures positive and tight joints between the sill flashing and end dam.

## PERFORMANCE TEST STANDARDS

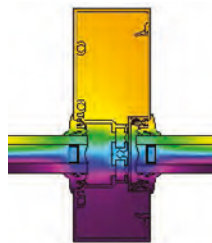
Air Performance	ASTM E283
Water Performance	ASTM E331
Uniform Static Structural	ASTM E330
Sound Transmission Class (STC)	AAMA 1801 and in accordance with ASTM E1425
Condensation Resistance (CRF)	AAMA 1503 and CAN/CSA-A440
Thermal Transmittance (U-Value)	AAMA 1503.1
U-Value Simulations for Other Glazing Options	AAMA 507, NFRC 100, NFRS 200, NFRC 500 and CAN/CSA-A440.2



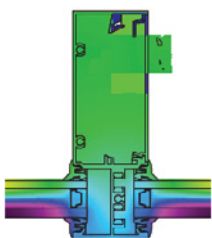
Trifab® 601  
Center Set



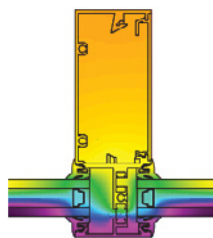
Trifab® 601T  
Center Set



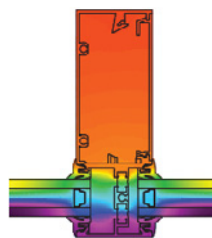
Trifab® 601UT  
Center Set



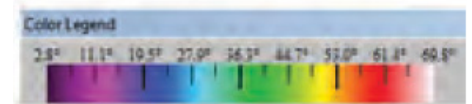
Trifab® 601  
Front Set



Trifab® 601T  
Front Set



Trifab® 601UT  
Front Set



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

## DIVERSE FABRICATION AND INSTALLATION METHODS

The Trifab® 601/601T/601UT Framing System employs various joinery construction types for efficient fabrication and installation.

Glass Plane	Center Set			Front Set		
	601	601T	601UT	601	601T	601UT
Framing Type	601	601T	601UT	601	601T	601UT
Thermal Level	Non-Thermal	Thermal	Ultra-Thermal	Non-Thermal	Thermal	Ultra-Thermal
Screw Spline Fabrication	•	•	•	•	•	•
Shear Block Fabrication	–	–	–	•	•	•
Stick Fabrication	–	–	–	•	•	•
Stick Fabrication SSG	–	–	–	•	•	•

The framing can be specified for glazing from either the inside or outside. Inside glazing can help reduce field labor costs by eliminating the need for exterior scaffolding or swing stages for installation on floors above the ground level. In addition, the frames have a two-piece receptor option that easily accommodates attachment of air-barrier systems.

## AESTHETICS AND VERSATILITY

The Trifab® 601/601T/601UT Framing System is designed with cost and flexibility in mind. With a 2" x 6" frame profile, the sightline is consistent with current framing systems and the glass pockets are aligned to 4-1/2"-deep Trifab® framing systems. This allows for a shallow horizontal member that not only lowers overall metal costs, but also provides flexibility to accommodate interior finishes, such as blinds, that can span the full uninterrupted elevation height. The flexibility of the 3-in-1 series provides a pre-designed

solution for non-thermal as well as thermal entrances. Framing options include non-thermal and thermally broken door framing members to accommodate 1-3/4"-deep and 2-1/4"-deep entrance doors, an expansion mullion and a two-piece head and jamb receptor. The 6" depth accommodates higher spans than conventional 4-1/2" storefront framing systems, and an optional 2-1/4" wide vertical mullion allows for internal steel reinforcement for projects with greater structural performance requirements.

