Tubelite® TU14000 Storefront

Dual cavity pour and debridge ultra-thermal barrier

Tubelite's most popular thermally broken storefront line has been expanded and enhanced with an additional P&D thermal break. The TU14000 Series has the same 2" x 4-1/2" profile as the E14000 and T14000 system, and offers standard screw-spline or shear block connections. Our redesigned storefront systems are based on #12 screw fasteners which greatly decrease rework in the field.

TU14000 dual cavity pour and debridge ultra-thermal barrier storefront is recommended for use on ground floor storefront or protected low-rise applications. Framing accomodates glass or panels up to 1" thick. Verticals can be steel-reinforced for high performance against strong windloads. Many of our operable windows can be glazed into the storefront framing pocket for natural ventilation. Framing is compatible with Tubelite's Medium and Wide Stile Therml=Block® Doors.

Our TU14000 Series Storefront products are subjected to thorough testing by an independent laboratory, ensuring that you get the highest quality storefront framing products that the industry has to offer.

Therml=Block®
HIGH-PERFORMANCE THERMAL FRAMING



Wilmington Gardens, Salt Lake City, UT
Photographer: Cache Valley Photographers

400TU High Performance Thermal Curtainwall

ALSO USED WITH

Thermal Entrances

TUBELITE®
DEPENDABLE
LEADERS IN ECO-EFFICIENT STOREFRONT, CURTAINWALL AND ENTRANCE SYSTEMS

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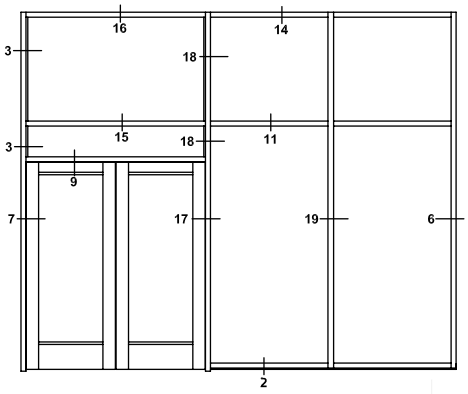
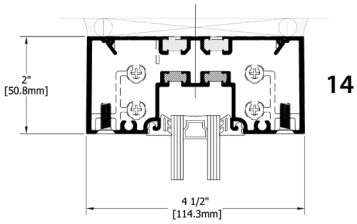
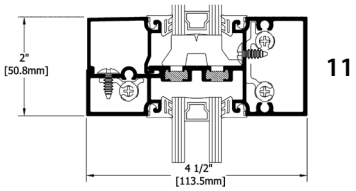
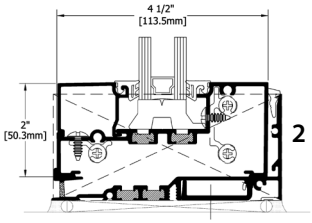
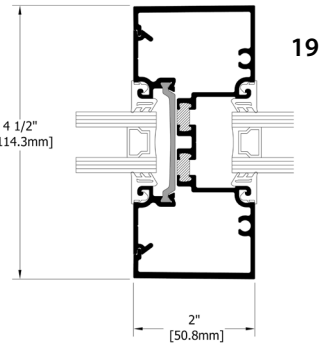
ThermaBlock®
HIGH-PERFORMANCETHERMALFRAMING

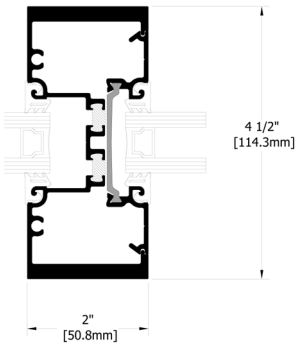


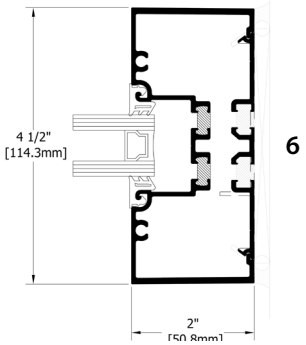


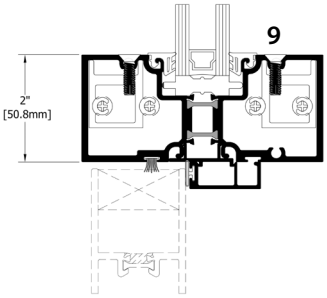












System Features:

- Standard 2" (50.8mm) sight line on verticals and horizontals
- 4-1/2" (114.3mm) system depth
- Dual cavity pour and debridge ultra-thermal barrier for maximum thermal performance
- EPDM roll in gaskets for 1" glass or panel thickness, standard
- Glass centered in the system depth
- #12 screw construction

Optional Features:

- Screw-spline or shear block connection
- Steel reinforcing if required
- Easily integrates with standard or thermal doors
- A wide variety of standard anodized and painted colors are available to complement any project with warrantied protection, as well as street appeal.

Tubelite® TU14000 Storefront Product Specifications

Application: Low and mid-rise commercial buildings requiring high energy and condensation resistance performance
Description: 2" x 4-1/2" dual thermal barrier center set storefront system, screw spline or shear block connections, exterior or interior glazed

Face Width:	Overall Depths:	Glass:	Air Infiltration:	Water Infiltration:	Structural:	U-Factor**:	CRF:	Acoustics:
2"	4-1/2"	1" std. (1/8" to 1-1/8")	0.06 CFM / Ft.2 @ 6.24 PSF	12 PSF - Static 12 PSF - Dynamic	30 PSF - Design 45PSF-Overload	0.30 - Thermally Broken	75_F 74_G	STC 37 OITC 31

**U-Factor per AAMA 1503-09: COG = 0.24
Glass Makeup: 1" IGU – 1/4" SNX62/27 #2, 1/2" Argon with warm edge spacer, 1/4" clear

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