

Tubelite® TU24000 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 TU24000 Series has the same 2" x 4-1/2" profile as the T14000 system, and offers standard screw-spline or shear block connections.

TU24000 dual cavity pour and debridge ultra-thermal barrier storefront is recommended for use on ground floor storefront or protected low-rise applications. Framing has 1/2" bite for use with glass or panels up to 1" thick. Verticals can be steel-reinforced for high performance against strong windloads. Tubelite 3700 Series operable windows can be glazed into the storefront framing pocket for natural ventilation. Framing is compatible with Tubelite's Medium and Wide Stile Thermal=Block® Doors.

Our TU24000 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.

Thermal=Block®
HIGH-PERFORMANCE THERMAL FRAMING



400TU High Performance Thermal Curtainwall

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

ALSO
USED
WITH

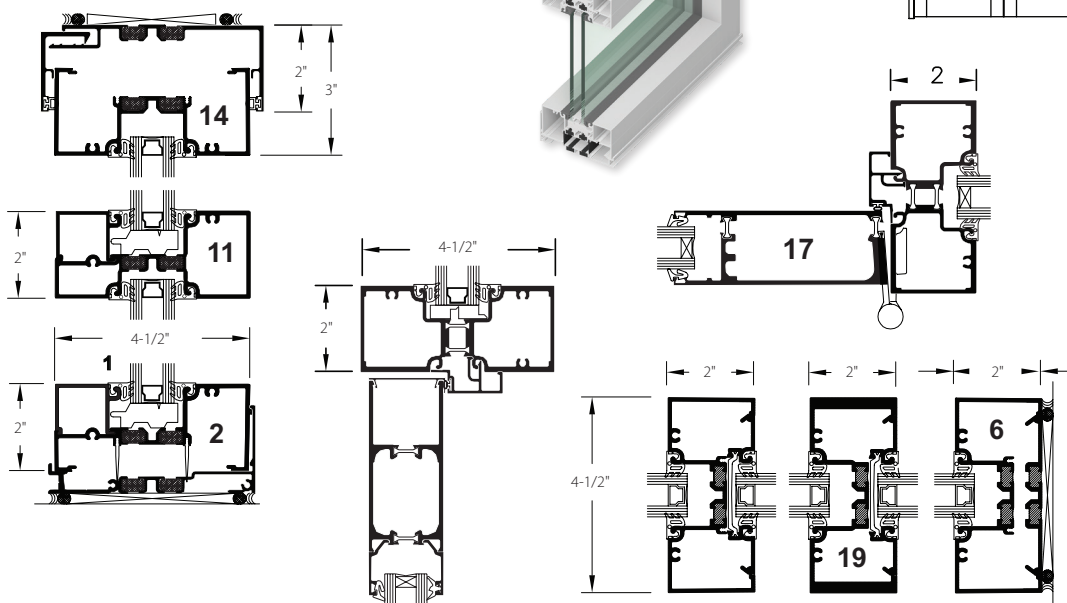
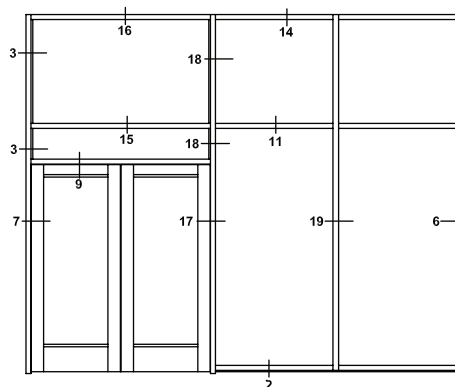
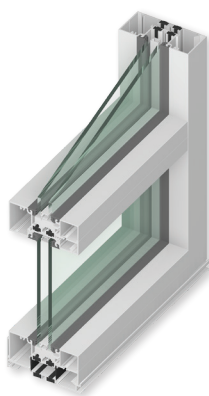
Thermal Entrances

TUBELITE®
DEPENDABLE

LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

Tubelite® TU24000 Storefront

Dual cavity pour and debridge ultra-thermal barrier



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 with Azon's Lancer® mechanical lock
- EPDM wedge type gaskets for 1" glass or panel thickness
- Glass centered in the system depth

Optional Features:

- Screw-spline or shear block connections
- 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 warranted protection, as well as street appeal.

Tubelite® TU24000 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 45 PSF - Overload	0.31 - Thermally Broken	69 _F 68 _G	STC 37 OITC 31

** U-Factor per NFRC 100: COG = 0.24 with warm edge spacer, 2" x 4-1/2" thermal frame.

Refer to the U-Factor table at: www.tubeliteinc.com/products/storefront/thermlblock-tu24000/ for other glass makeups and configurations.

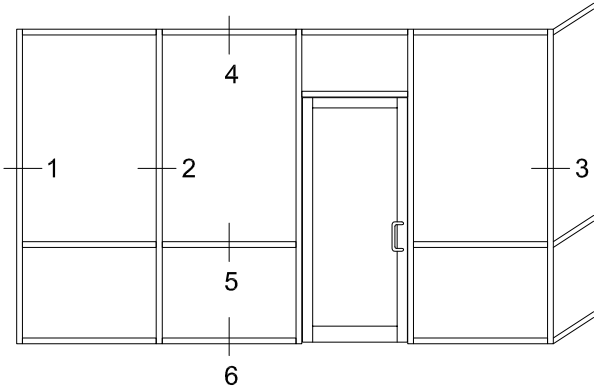
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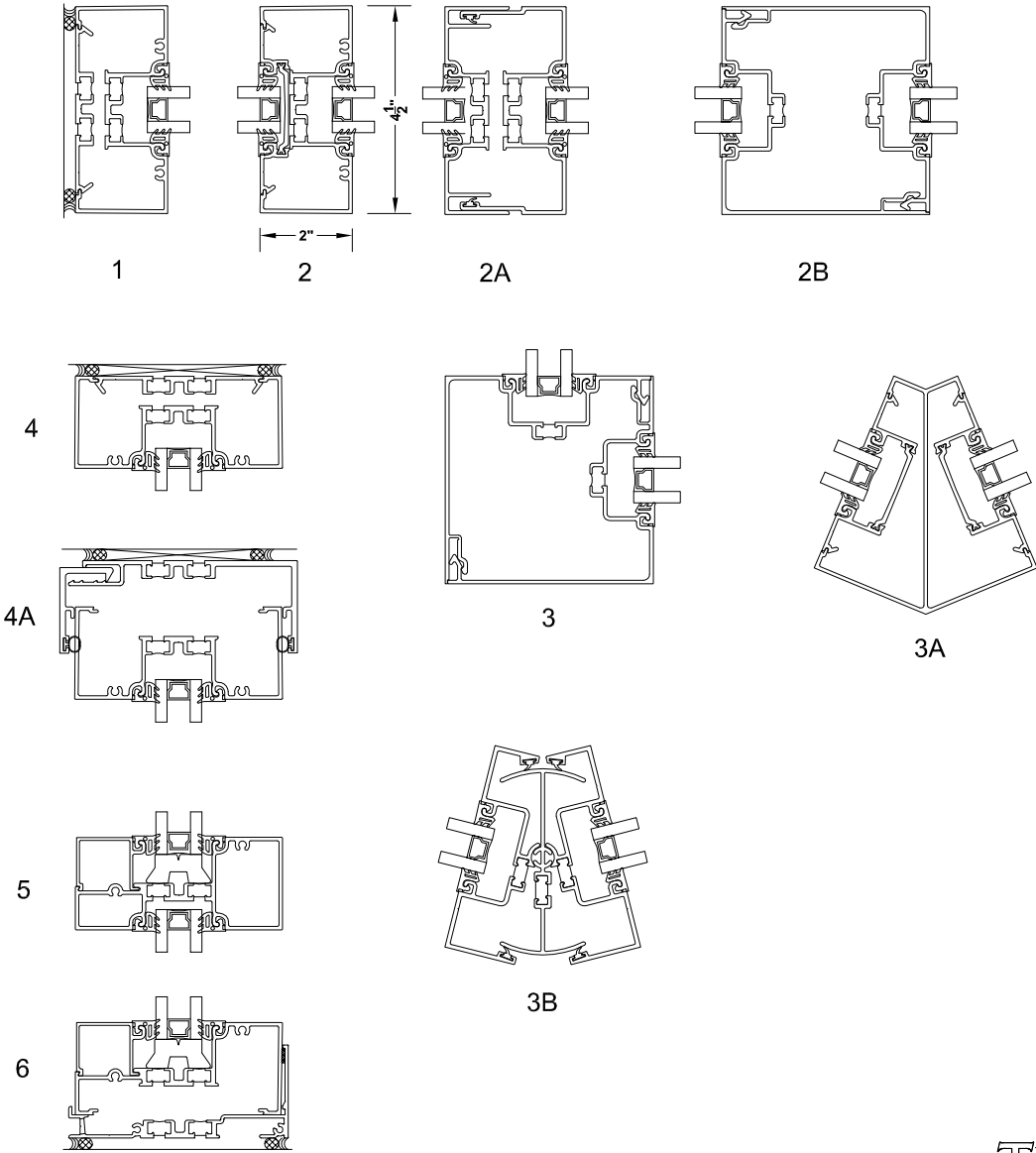
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS



Tubelite reserves the right to change system configuration without prior notice when deemed necessary for product improvements.

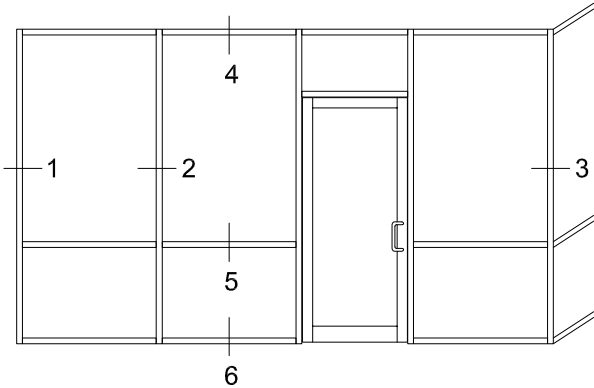
Laws and building & safety codes governing the design and use of glazed entrance, window and curtain wall systems vary widely. Tubelite does not control the selection of product configurations, operating hardware or glazing materials, and assumes no responsibility thereof.

Outside Set Standard Details
1/4 scale



June 2020

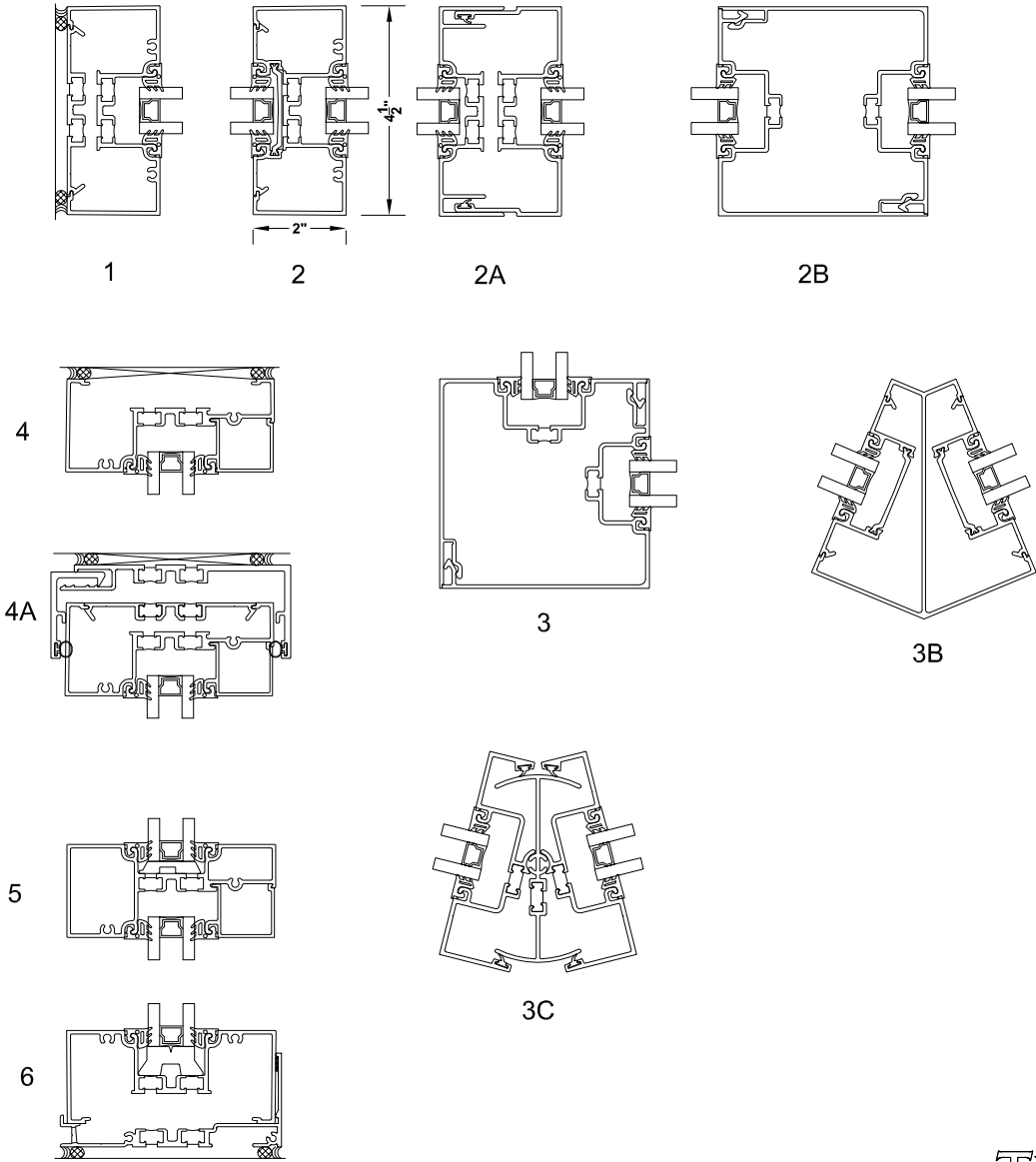
For specific product applications, contact your Tubelite representative. Details on this page represent standard details found on our website. For more options, visit our website at www.tubeliteinc.com/tu24000/



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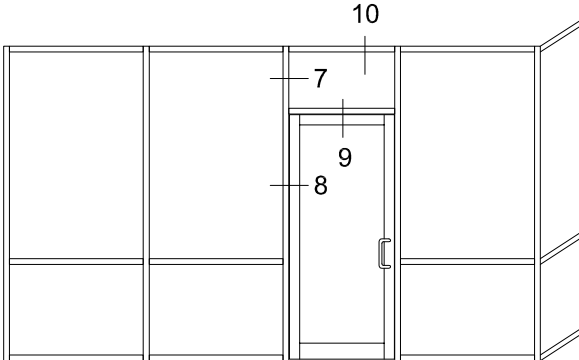
Inside Set Standard Details
1/4 scale



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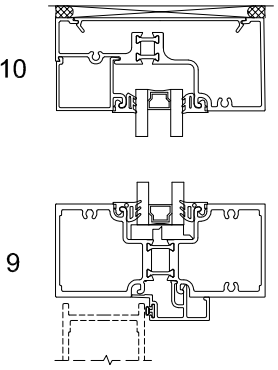
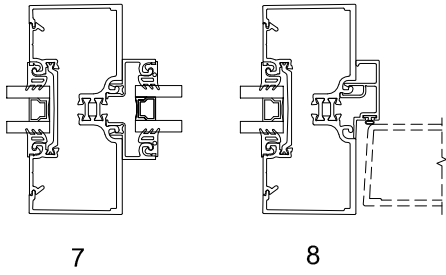
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Door and Transom Standard Details
1/4 scale



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