

300ES[®] High Performance Thermal Curtainwall

A break from high energy costs!

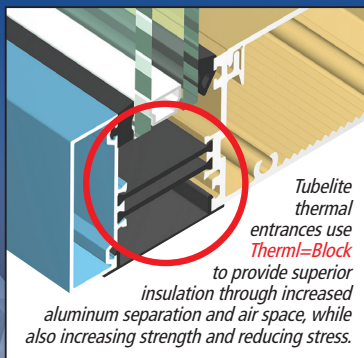
Tubelite 300ES Curtainwall Series Framing is designed for superior thermal performance using Therml=Block insular technology, featuring System U-Factor as low as 0.31 and Condensation Resistance Factor (CRF) up to 81 using 1" insulating glass.

The exterior face has a 2-1/4" sightline and available in 6" and 8" depths. Ideal for curtainwall applications up to four stories and the inside glazing feature offers reduced field installation time and expense.

Separate interior and exterior frame members allow different finishes on each.

Therml=Block[®]

HIGH PERFORMANCE THERMAL FRAMING



Tubelite thermal entrances use Therml=Block to provide superior insulation through increased aluminum separation and air space, while also increasing strength and reducing stress.

TU24000 High Thermal Performance Storefront



TerraPorte 7600 Terrace Door

ALSO USED WITH

Compton Family Ice Arena, South Bend, IN

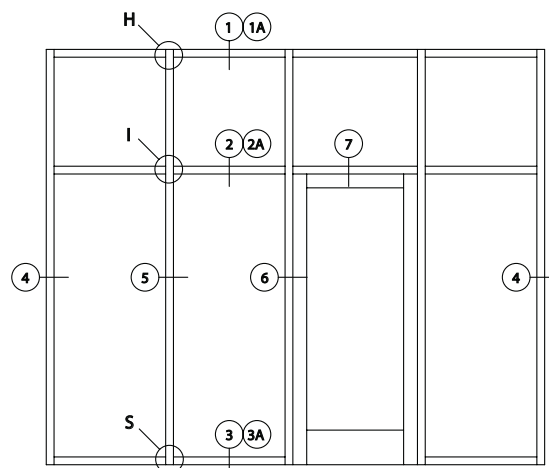
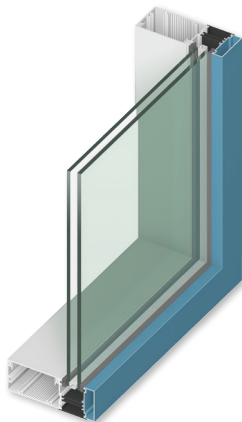
TUBELITE[®]

DEPENDABLE

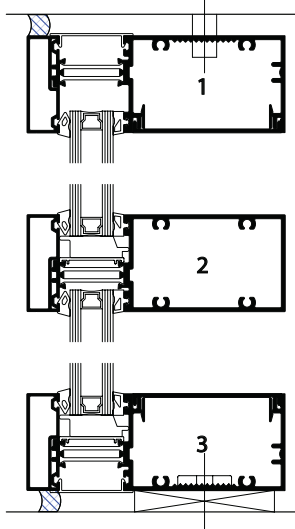
LEADERS IN ECO-EFFICIENT STOREFRONT, CURTAINWALL AND ENTRANCE SYSTEMS

300ES[®] Curtainwall Series Framing

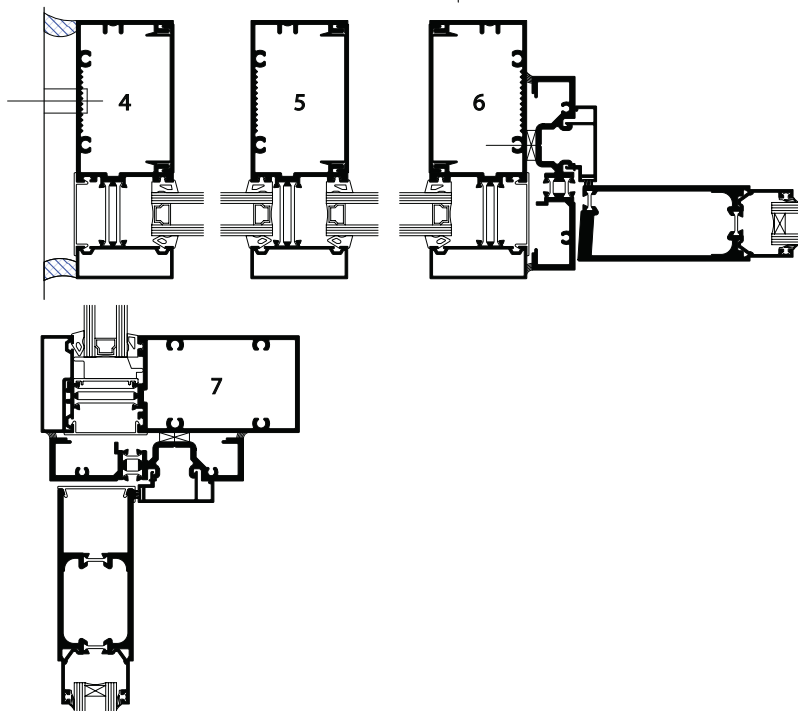
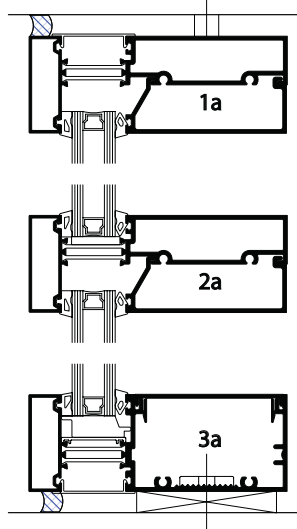
Thermal-Block
HIGH PERFORMANCE THERMAL FRAMING



Outside Glazed



Inside Glazed



System Features:

- 31% reduction in thermal transmittance (Uc) over pressure bar curtainwall systems – Tubelite 400 Series
- Dynamic water testing to 15 psf
- Fast, easy screw spline assembly saves labor and cost
- Blocks interior frost buildup
- Inside and outside glazing options
- Recycled Aluminum Extrusion Option - www.EcoLuminum.com
- Use with Tubelite's Medium or Wide Stile Thermal Door for a complete thermal wall system.
- A wide variety of standard anodized and painted colors are available to complement any project with warranted protection, as well as street appeal.

300ES Curtainwall Series Product Specifications

Application: Low and mid-rise commercial buildings including retail, office, healthcare, schools, etc.
Description: 2-1/4" x (6" or 8") inside or outside glazed, screw spline high performance curtainwall

| Face Width: | Overall Depths: | Glass: | Air Infiltration: | Water Infiltration: | Structural: | U-Factor**: | CRF: | Acoustic: |
|-------------|-----------------|--------|--------------------------|-------------------------------------|--|------------------------|--------------------|-------------------|
| 2-1/4" | 6", 8" | 1" | 0.06 CFM/Ft.2 @ 6.24 PSF | 15 PSF – Static 15 PSF – Dynamic | 40 PSF – Design 67.5 PSF – Overload | 0.30 – 6" 0.31 – 8" | 72 – 6" 81 – 8" | 31 STC 26 OITC |

** U-Factor per NFRC 100: COG = 0.24 with warm edge spacer, 1-3/4" x 4-1/2" non-thermal frame. Refer to the U-Factor table at: www.tubeliteinc.com/products/window-wall/300es-curtainwall/ for other glass makeups and configurations.

DISCLAIMER: Tubelite takes no responsibility for product selection or application, including, but not limited to, compliance with building codes, safety codes, laws, merchantability or fitness for a particular purpose; and further disclaims all liability for the use, in whole or in part, of this Technical Guide in preparation of project specifications and/or other documents. Technical Guides are subject to change at any time, without notice, and at Tubelite's sole discretion. ©2015 Tubelite Inc.

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