

YES 45 XT

High Performance Storefront featuring Dual Thermal Barriers



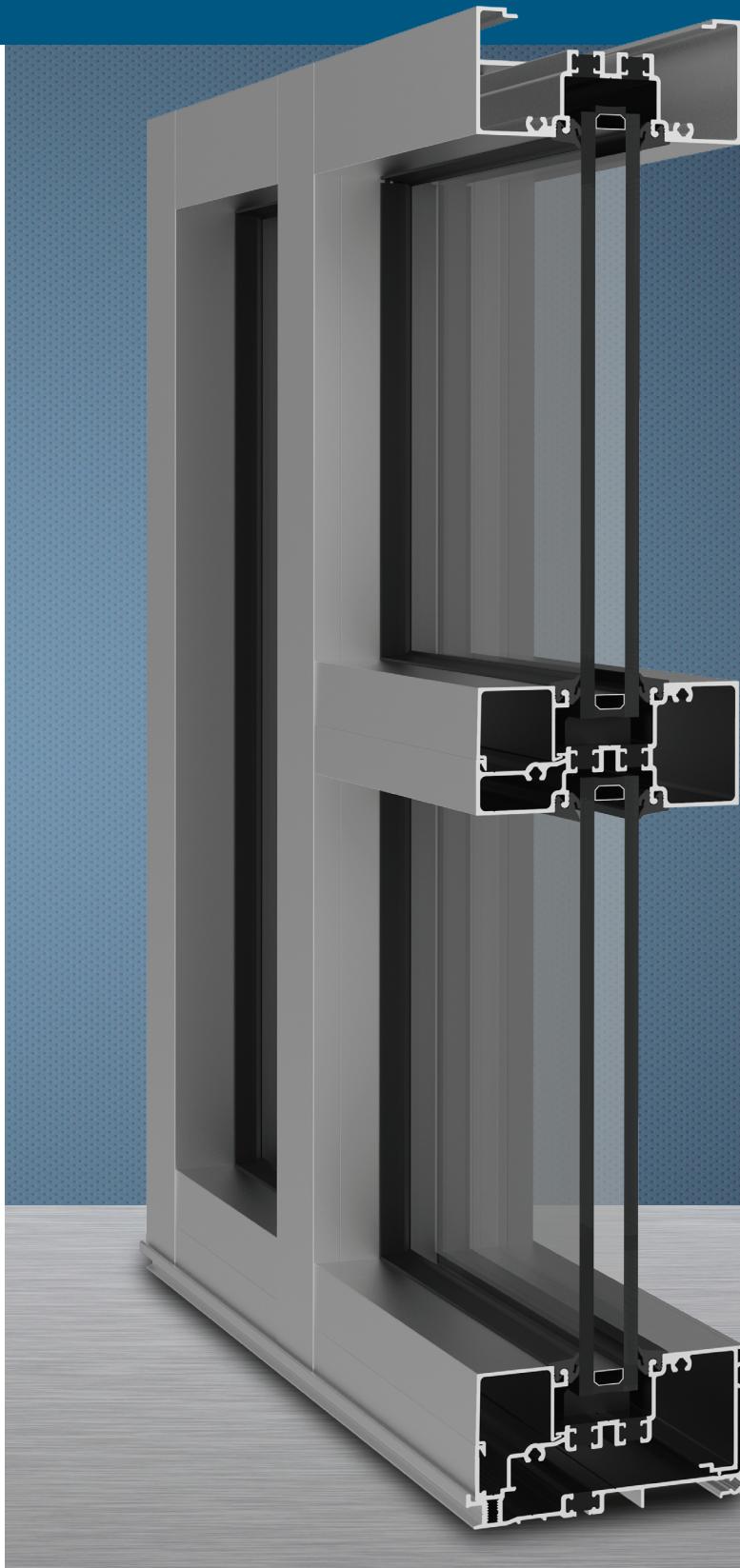
Superior Thermal Performance and Structural Integrity

This energy saving storefront system features a dual thermal barrier design to significantly reduce heat transfer and keep internal surfaces warmer. MLP™ (mechanical lock profile) technology delivers superior structural integrity to provide longer vertical spans and horizontal spacings; not to mention its best-in-class thermal performance attributes.

Product Options & Features

- Outstanding thermal performance utilizing standard 1" insulating glass
- Greater efficiency can be achieved with higher performance glass
- Screw Spline Assembly
- Industry leading Sill Flashing Design
- Integrates with Sun Control Products ThermaShade® and Luminance®

MLP™ is a trademark of Azon.



YES 45 XT

SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
2"	4-1/2"	Outside or Inside & Center Set	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	Static: 10 PSF (479 Pa) Dynamic: 10 PSF (479 Pa)	U-factor: 0.36 BTU/HR·FT ² ·°F* CRF: Minimum of 66 on frame**	Std STC: 32 Std OITC: 27
							Lam STC: 36 Lam OITC: 30
Testing Standards		ASTM E 283		ASTM E 331 & AAMA 501		* NFRC 100 & ** AAMA 1503	ASTM E 90 & 1425

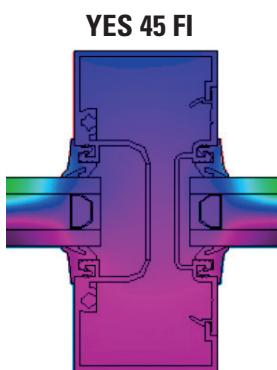
Optional Mullions

Expansion Mullion, 135-degree Corner, 165-180-degree Corner and a Three-Way Mullion

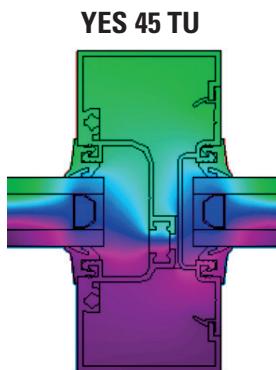
Available Finishes

Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)

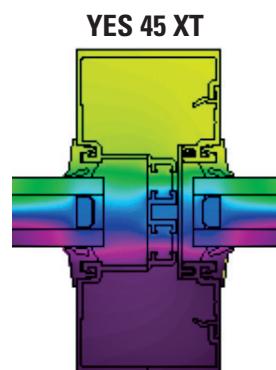
THERMAL IMAGING



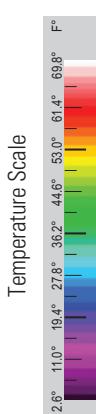
Non-Thermal



Standard Thermal



XT Thermal

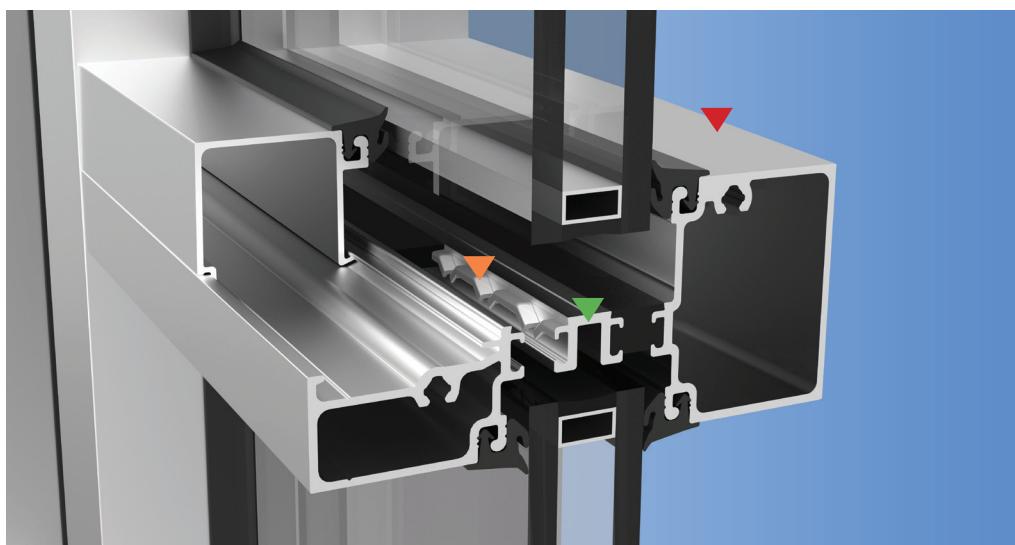


Frame temperature comparison values based on approximately 0° exterior, and 70° interior ambient air temperatures.

*Modeled in accordance with MFRC 100.

ZOOM MULLION VIEW

- ▼ **DUAL THERMAL BARRIER** - Dual pour and debridge design facilitates excellent U-factors in a cost-effective system
- ▼ **WARMER INTERIOR SURFACES** - Greater occupant comfort and increased resistance to condensation, with CRF_f values up to 66
- ▼ **MLP™ TECHNOLOGY** - Lanced retaining edges completely encapsulated by polyurethane. This creates an aluminum / polymer composite with the highest shear test results of all thermal barriers available. MLP™ is a trademark of Azon.



Additional information including CAD details, CSI specifications, Test Reports, Fenestration Product Rating Certificates and Installation instructions are available online at: www.ykkap.com/commercial/product/storefronts/yes-45-xt/