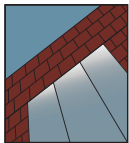


YES 60 TU

Large Span Thermally Broken Offset Storefront System



STOREFRONT SYSTEM

Product Description

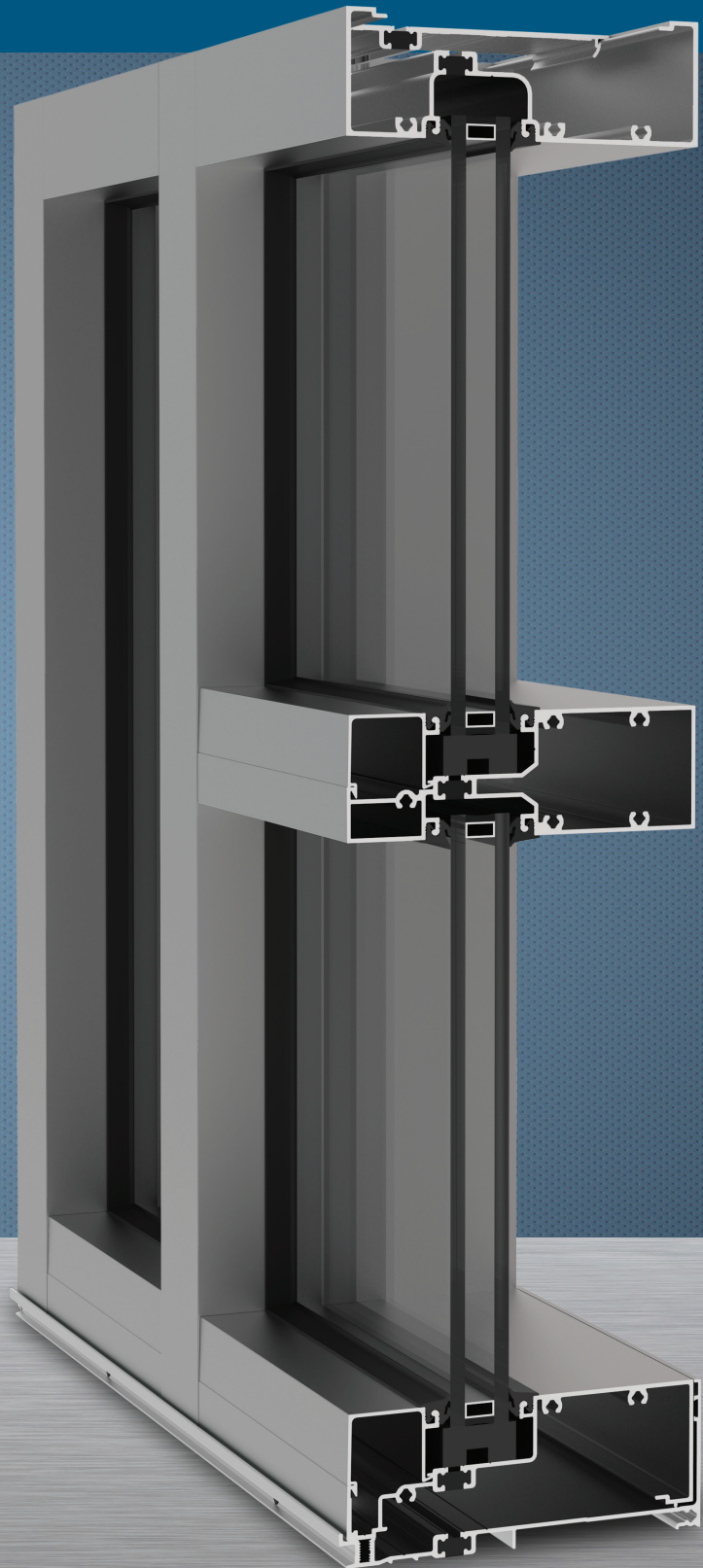
The YES 60 TU is a thermally broken, offset, flush glazed storefront system for insulating glass. This system uses a pour and debridged pocket that employs a patented process, ThermaBond Plus®, to greatly improve adhesion of the polyurethane thermal break material to the extruded aluminum. Combining science and technology, ThermaBond Plus® resolves the problem of adhesion and the resultant dry shrinkage associated with typical poured and debridged systems. The system can deliver the thermal performance necessary for climate zones 1, 2 & 3, and climate zones 4, 5 & 6 when complying with ASHRAE 90.1 versions of the energy code thru 2013 using 1" low E IGU's. This system was also built to achieve taller spans while keeping great energy performance.

Product Options & Features

- Diamond Shaped Screw Spline Assembly
- ThermaBond Plus® Thermal Break
- High Performance Sill Flashing
- Integrates seamlessly with YES 45 Series
- Integrates with Model 20D/35D/50D Single and Paired Doors
- Compatible with ThermaShade® and Luminance® Sun Control Products



Quality
inspires®



YES 60 TU

SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
2"	6"	Outside & Offset	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: 12 PSF (574 Pa) Dynamic: 12 PSF (574 Pa)	U-factor: 0.54 BTU/HR·FT ² ·°F* CRF: Minimum of 69 on frame**	Std STC: 31 Std OITC: 25 Lam STC: 34 Lam OITC: 29
Testing Standards				ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 100 & ** AAMA 1503	ASTM E 90 & 1425

Installation Options

Screw Spline with Insulating Glass

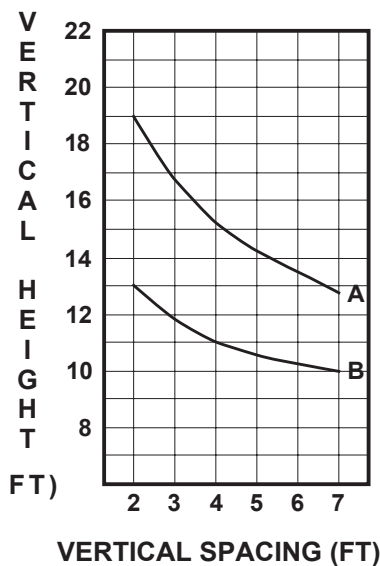
Available Finishes

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

STRUCTURAL INTEGRITY

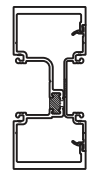
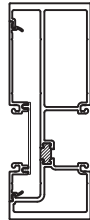
Longer horizontal mullions resulting in greater spans for projects.
Chart based on 20 PSF windload.

WIND LOAD PERFORMANCE COMPARISON YES 60 TU vs. YES 45 TU



A: YES 60 TU
BE9-2943 w/ BE9-2910
I_{xx}=9.988 in⁴ (415.73 cm⁴)

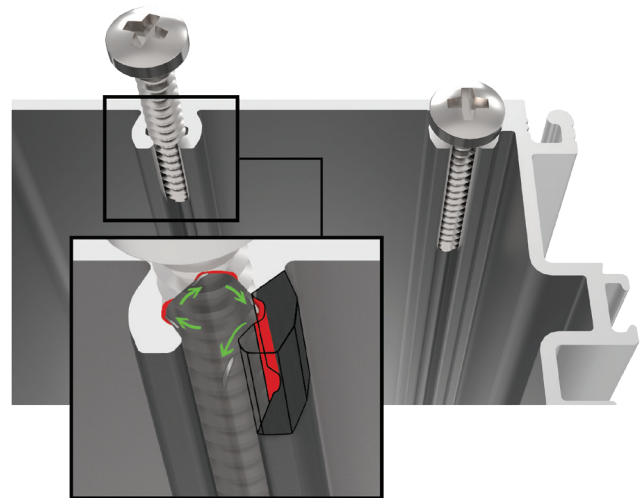
B: YES 45 TU
BE9-2561 w/ BE9-2552
I_{xx}=4.990 in⁴ (207.7 cm⁴)



FASTER INSTALLATION

Diamond Shaped Screw Splines

- Reducing structural stress at fastener head connection helps prevent any screw breaks
- Eliminates the need for wax dipping
- Chip relief allows for quicker screw driving, resulting in reduced fabrication time



INDUSTRY LEADING SILL FLASHING

- No Blind Seals - no secondary penetration of sill and flashing
- Taller back leg - enhanced water resistance (10 PSF) in the field, and in field water testing
- Patented 3 point attachment of end dam for reduced transit damage. Remains intact and sealed throughout life of the building
- No sill anchoring required if end reaction less than 500 lbs.



Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at:

www.ykkap.com/commercial/product/storefronts/yes-60-tu/