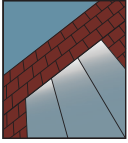


# YES 45 TU

Thermally Broken, Center Set Storefront System



## STOREFRONT SYSTEM

### Product Description

The YES 45 TU is a thermally broken, center set, flush glazed storefront system for insulating glass. The system is thermally broken by means of a poured and debridged pocket that employs a patented process, ThermaBond Plus®, to greatly improve adhesion of the polyurethane 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.

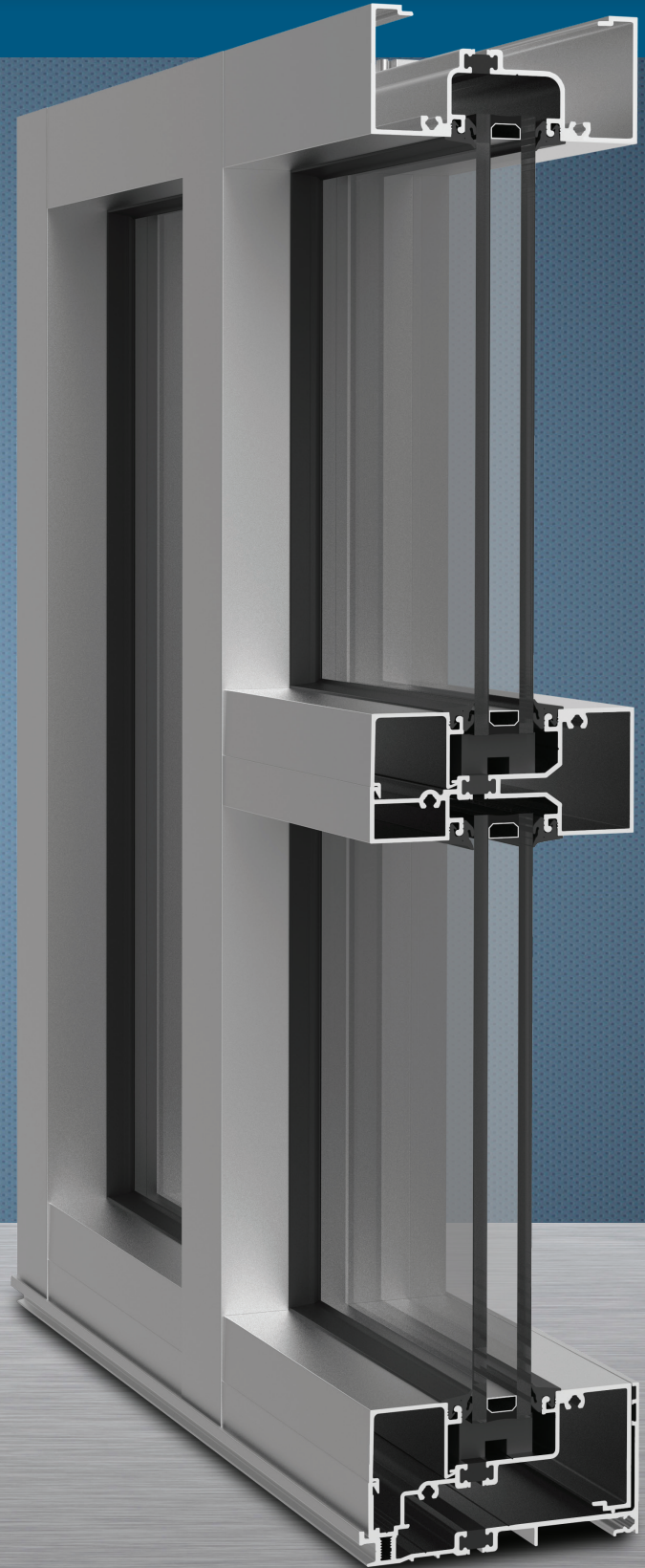
### Product Options & Features

- Excellent thermal performance utilizing standard 1" insulating glass
- Patented ThermaBond Plus® thermal break
- High Performance Sill Flashing
  - ◆ No Blind Seals
  - ◆ Tall back leg for enhanced water resistance
  - ◆ Patented 3-point attachment of end dam
- Assembled with either our Screw Spline or Shear Block Technology
- Integrates with our Model 20D/35D/50D Doors



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Quality  
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# YES 45 TU

## SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
2"	4-1/2"	Inside or Outside & Center Set	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.06 CFM/FT <sup>2</sup> (1.10 m <sup>3</sup> /h·m <sup>2</sup> ) @ 6.24 PSF (299 Pa)	Static: 10 PSF (479 Pa) Dynamic: 10 PSF (479 Pa)	U-factor: 0.45 BTU/HR·FT <sup>2</sup> ·°F* CRF: Minimum of 60 on frame**	Std STC: 31 Std OITC: 26
Testing Standards				ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 100 & ** AAMA 1503	Lam STC: 35 Lam OITC: 29
							ASTM E 90 & 1425

### Installation Options

Screw Spline or Shear Block with Monolithic or Insulating Glass

### Available Finishes

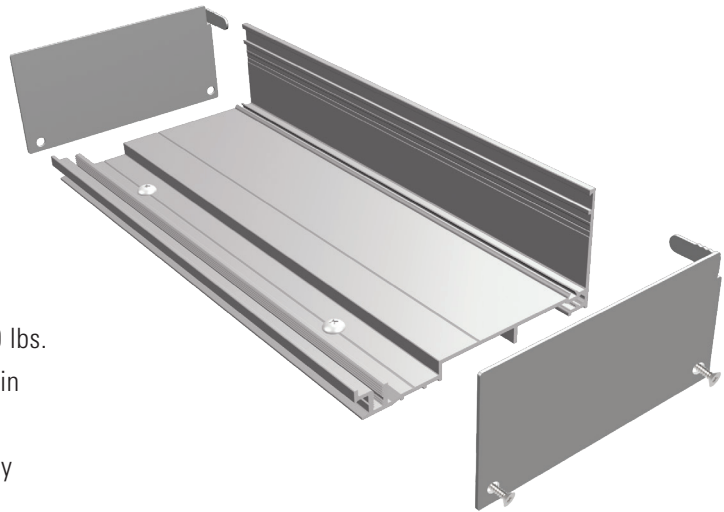
Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)

## THERMALLY BROKEN

ThermaBond Plus® process is a pour and debridged process that greatly improves the adhesion of the polyurethane material to the aluminum extrusion. Combining science and technology, ThermaBond Plus® process resolves the problem of adhesion and the resulting dry shrinkage associated with typical poured and debridged systems.

## SILL FLASHING

- No Secondary penetration of sill and flashing.
- 2" back leg on sill flashing – enhanced water resistance in the field and in field water testing.
- Three point attachment of end dam, with two patented screw splines.
- No sill anchoring required if end reaction is less than 500 lbs.
- Sill flashing and end dams can be assembled and sealed in the shop. Much more secure during transport to job site.
- New silicone sill flashing splice sleeve seals more reliably and with less "bump".



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

[www.ykkap.com/commercial/product/storefronts/yes-45-tu-center-set/](http://www.ykkap.com/commercial/product/storefronts/yes-45-tu-center-set/)