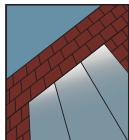


YES 45 TU Front

Thermally Broken, Front Set Storefront System



STOREFRONT SYSTEM

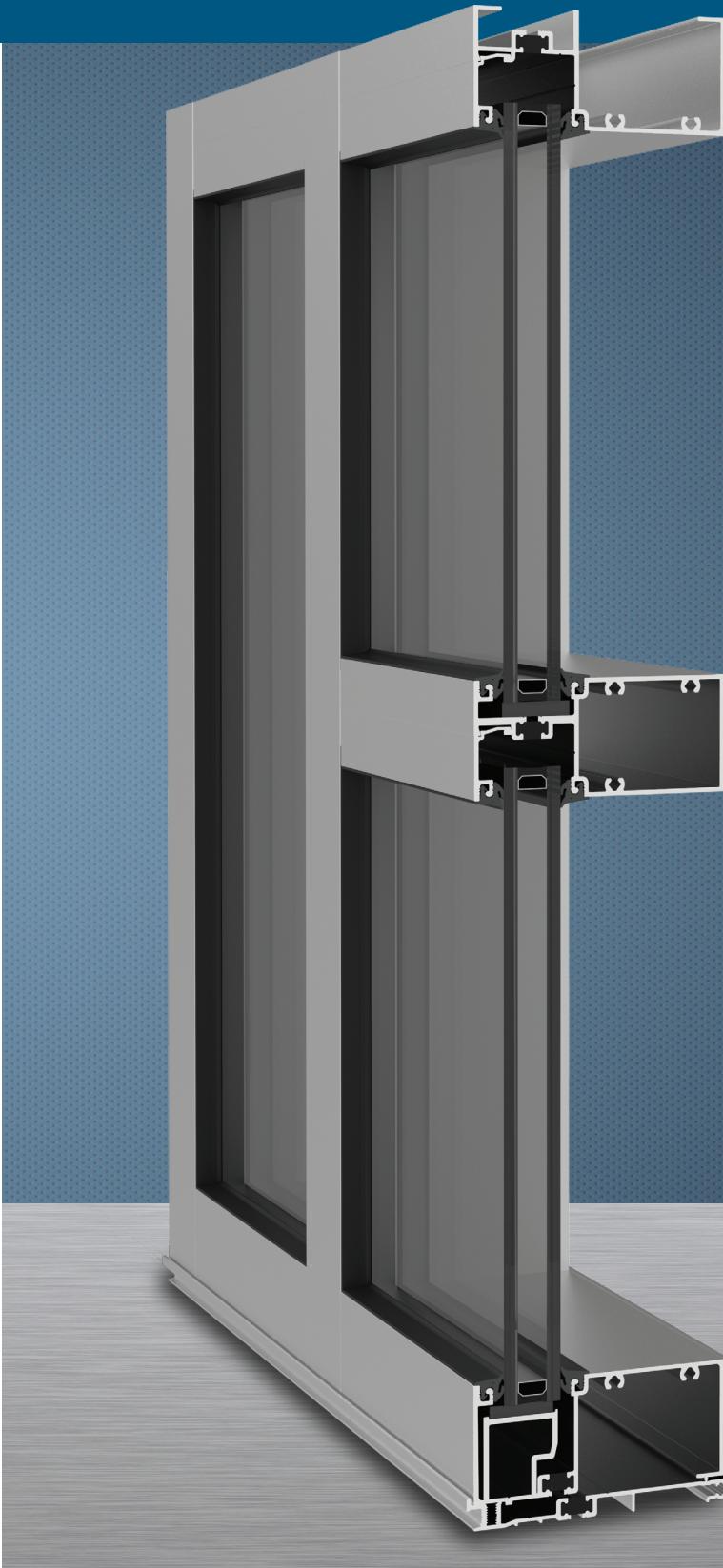
Product Description

YKK AP's family of storefront products is now more versatile with the addition of an energy efficient front set product. The YES 45 TU Front Set was designed for excellent thermal performance with standard* Low E insulating glass. Hinged mullions coupled with 90° or 135° inside/outside corners allow creative freedom when curves and angles are part of the design.

The Glass is set to the front to maximize energy performance and blend with the aesthetics of curtain wall. The system can be glazed from either the interior or the exterior as required.

Product Options & Features

- Excellent thermal performance utilizing standard 1" insulating glass
- Structural Silicone Glazed (SSG) Option
- 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
- Patented Screw Spline Technology or using Shear Block Assembly



SYSTEM SPECIFICATIONS

YES 45 TU FRONT

System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
2"	4-1/2"	SSG, Inside or Outside & Front 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: 12 PSF (574 Pa) Dynamic: 12 PSF (574 Pa)	U-factor: 0.40 BTU/HR·FT ² ·°F* CRF: Minimum of 68 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

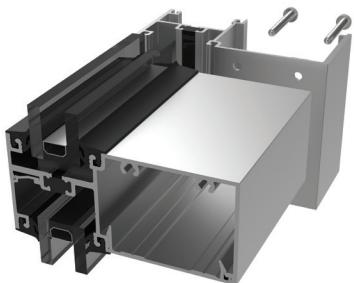
Installation Options

Screw Spline or Shear Block with Monolithic or Insulating Glass

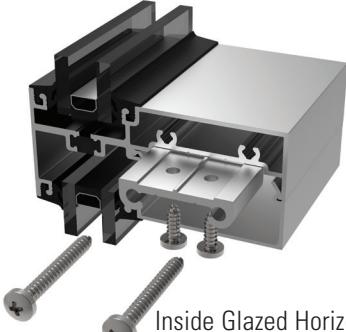
Available Finishes

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

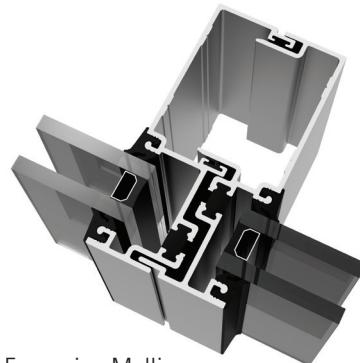
MULLION OPTIONS



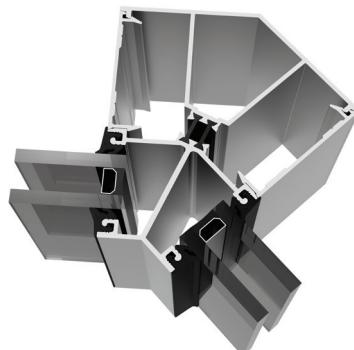
Outside Glazed Horizontal Screw Spline Assembly Shown



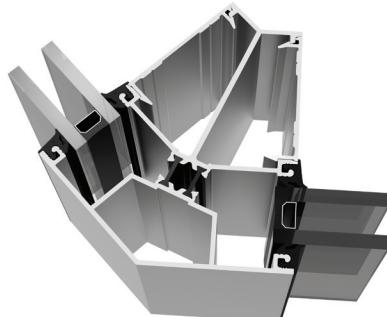
Inside Glazed Horizontal Shear Block Assembly Shown



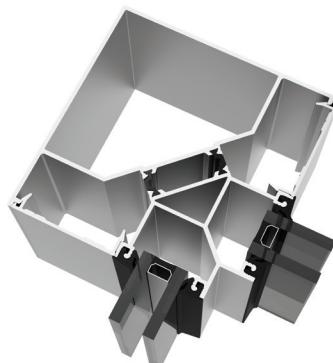
Expansion Mullion



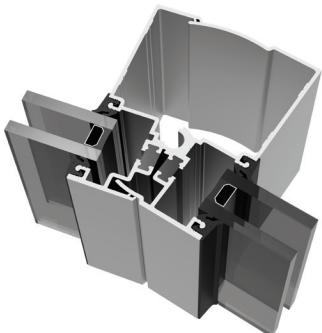
135° Inside Corner



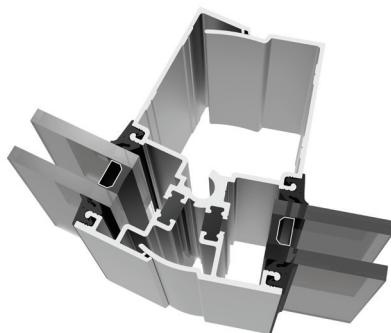
135° Outside Corner



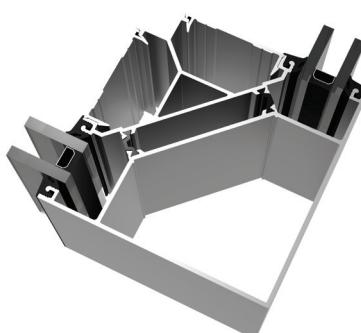
90° Inside Corner



0°–12.5° Inside Hinged Mullion



0°–15° Outside Hinged Mullion



90° Outside Corner

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-front-set/