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Landmark Hospital - Naples, FL

YES 45 FI

Flush Glazed, Center Set Storefront System with Insulating Glass

The **YES 45 FI** is a center set, flush glazed framing system developed for 1" insulating glass and other types of infill panels of varying thicknesses. The system will accommodate our hinged storefront mullion, as well as an expansion mullion; these mullions allow more creative freedom where curves and angles become a functional part of the design.

- 1" Standard Insulating Glazing with several glass infill options
- High Performance Sill Flashing
 - ◆ No blind seals
 - ◆ Tall back leg for enhanced water resistance
 - ◆ Patented 3-point attachment of end dam
- Gasket with stretch-resistant cord to help keep glass secure in the mullion pockets
- Heavy-duty / expansion mullions and steel reinforcement available
- Integrates with our YKK AP Entrances and Sun Control Systems

Configuration:

Glazing	Glass Setting	Installation
Outside or Inside	Center Set	Screw Spline, Shear Block or Can

Thermal Values:

U-Factor:	Values as low as 0.41*
CRF:	Minimum 33 _{frame} and 58 _{glass}

*Based on NFRC 100. Lower values may be achieved through further simulation.

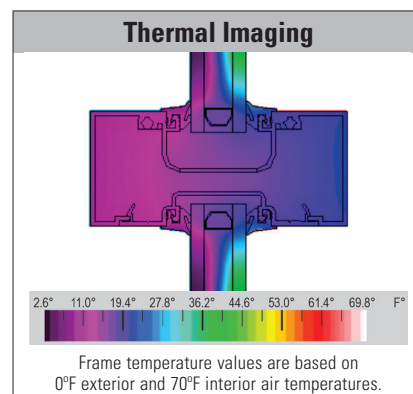


YES 45 FI SPECS		
Base Depth	4-1/2"	
Sightline	2"	
Config	Outside & Inside Glazed / Center Set	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Screw Spline: Static: 12 PSF (575 Pa)	ASTM E 331 AAMA 501
	Can: Please see our installation instructions and test reports.	
Acoustical (1" IGU)	Standard STC: 32 Standard OITC: 27	ASTM E 90 ASTM E 1425
	Laminated STC: 37 Laminated OITC: 30	

Thermal Performance (Screw Spline)								
Mullion Depth (1" IGU)	U-Factor - BTU/hr·ft ² ·°F						CRF	
2" x 4-1/2"	0.49	0.48	0.46	0.45	0.43	0.41	33	58
Center of Glass	0.30	0.28	0.26	0.24	0.22	0.20	Frame	Glass
AAMA 507 & NFRC 100							AAMA 1503	

Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

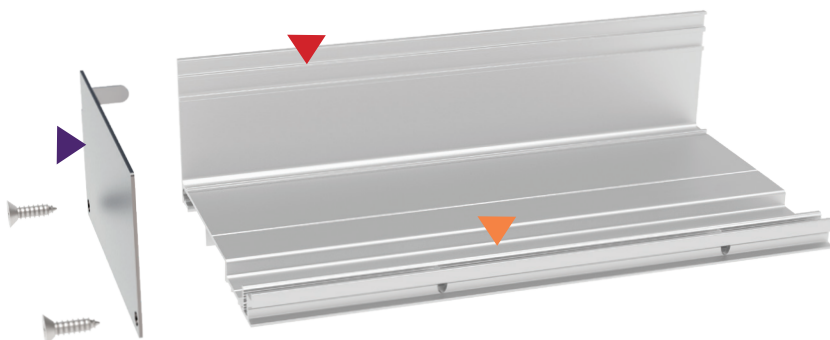
Various System Options
Sidelite Bases, Glass Infills, Expansion Mullion, 90°, 135° and 158° Static Mullions, Hinged Mullions



Glass Infill Options (Screw Spline and Can)			
E9-1040 E2-0052 1/4"	E9-1039 E2-0064 1/2"	E9-1039 E2-0052 5/8"	E9-1039 E2-0053 3/4"

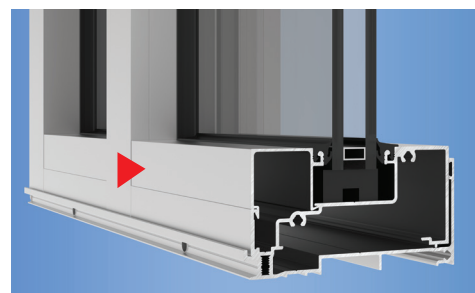
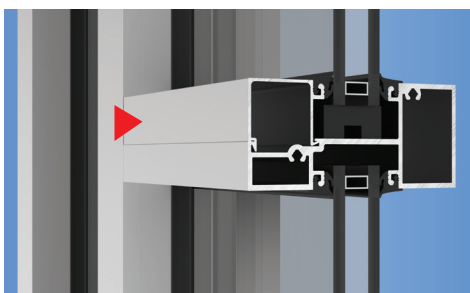
Sill Flashing Design

- 2" back leg on sill flashing – enhanced water resistance in the field and in water testing
- Three point attachment of end dam, with a foldable tab and two screws into the flashing
- No sill anchoring required if end reaction is less than 500 lbs



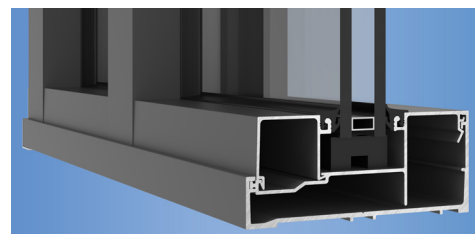
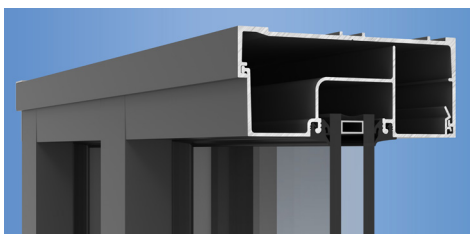
Screw Spline Configuration

Our typical configuration, which uses fasteners to attach mullions together at critical points. This secures the mullions other and can then be placed and secured onto the sill flashing. Outside glazing is currently available for the screw spline as standard.



Can Configuration

In this configuration, the framing is contained within a continuous head and sill receptor, simplifying installation while using fewer parts. Both outside and inside glazing options are available.



Additional information including CAD details, CSI specs, test reports and installation instructions are found on the Product Guide by clicking this link or visiting www.ykkap.com/commercial/productguide