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Eckington Yards - Washington D.C.

YES 60 XT

Advanced Performing Center Set Storefront with Dual Thermal Barriers

The **YES 60 XT** storefront system features a dual thermal barrier design to significantly reduce heat transfer and keep internal surfaces warmer. Our ThermaBond Plus® technology delivers superior thermal protection and structural integrity to provide longer vertical spans and horizontal spacings; not to mention its best-in-class thermal performance attributes.

- Custom Inside Glazing option available through our Engineering Center
- Greater energy efficiency can be achieved by substituting in higher performing glass
- High Performance Sill Flashing
 - ◆ No blind seals
 - ◆ Tall back leg for enhanced water resistance
 - ◆ Patented 3-point attachment of end dam
- 90° & 135° angles and expansion mullion
- Integrates with our YKK AP Entrances and Sun Control Systems

Configuration:

Glazing	Glass Setting	Installation
Outside	Center Set	Screw Spline

Thermal Values:

U-Factor:	Values as low as 0.31*
CRF:	Minimum 72 frame and 67 glass

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

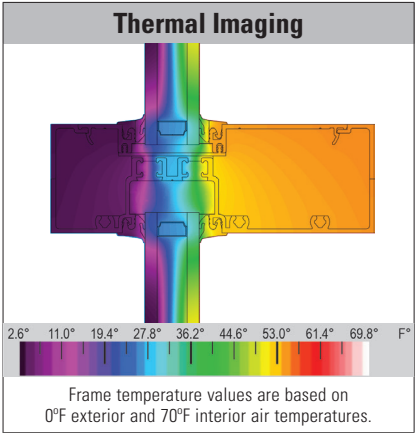


YES 60 XT SPECS		
Base Depth	6"	
Sightline	2"	
Config	Outside Glazed / Center Set	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 12 PSF (575 Pa) Dynamic: 12 PSF (575 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Standard STC: 31 Standard OITC: 26	ASTM E 90 ASTM E 1425
	Laminated STC: 34 Laminated OITC: 28	

Thermal Performance								
Mullion Depth (1" IGU)	U-Factor - BTU/hr·ft ² ·°F						CRF	
2" x 6"	0.39	0.37	0.35	0.34	0.32	0.31	72	67
Center of Glass	0.30	0.28	0.26	0.24	0.22	0.20	Frame	Glass
AAMA 507 & NFRC 100							AAMA 1503	

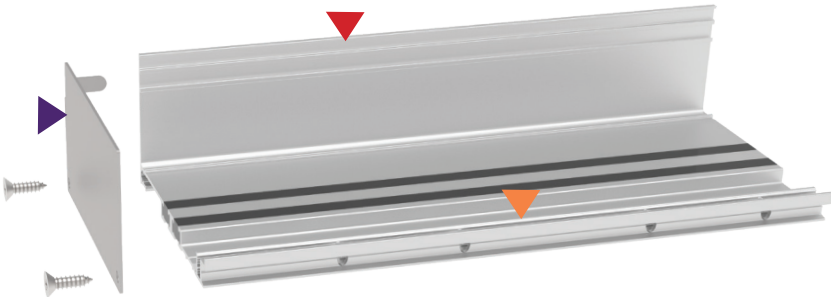
Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

Various System Options
Expansion Mullions, 90° Inside and Outside Corners, 135° Outside Corner, Door Jambs and Transoms



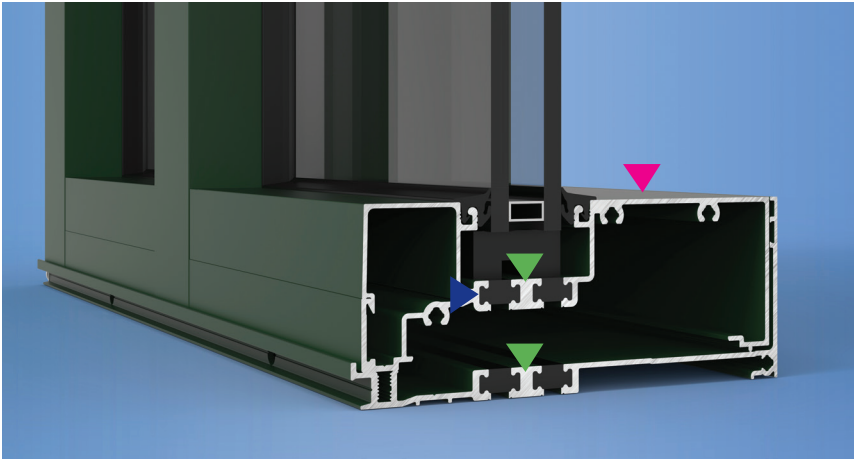
Sill Flashing Design

- ▶ 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 flashing splines
- ▶ No sill anchoring required if end reaction is less than 500 lbs
- No secondary penetration of sill and flashing when properly sealed



Up Close View of the Sill

- ▶ **DUAL THERMAL BARRIER**
Dual pour and de-bridge design on the sill and flashing facilitates U-factors and cost effectiveness.
- ▶ **WARMER INTERIOR SURFACES**
Greater occupant comfort and increased resistance to condensation (CRF).
- ▶ **THERMABOND PLUS**
A process that greatly improves the adhesion of the polyurethane material to the aluminum. This plasma technology resolves the problem of dry shrinkage associated with typical pour and de-bridged systems.



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