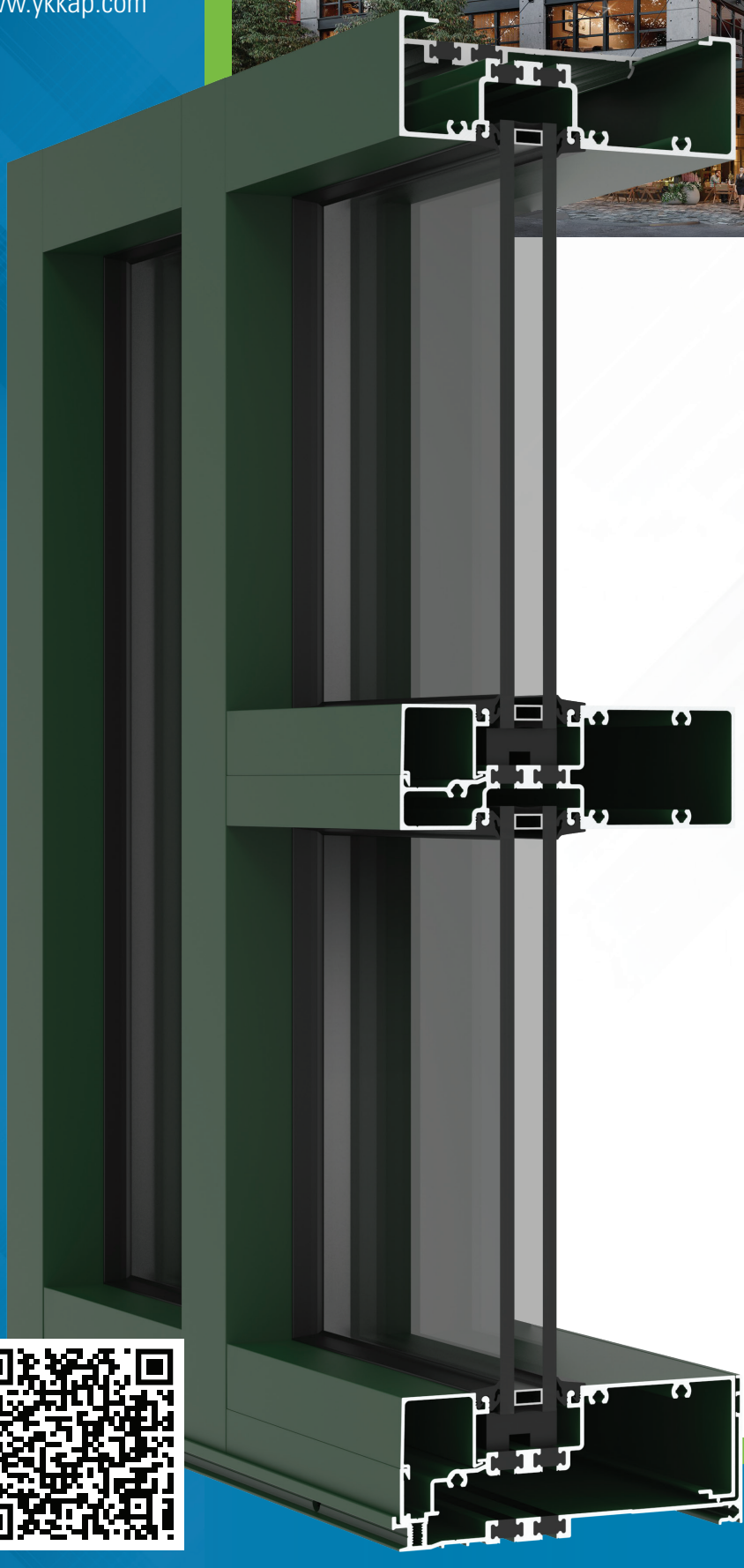
YKK AP®

www.ykkap.com

EnerGfacade®
YKK AP Energy Saving Solutions

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.

- Outside and Inside Glazing options
- Greater energy efficiency can be achieved by substituting in higher performance 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	

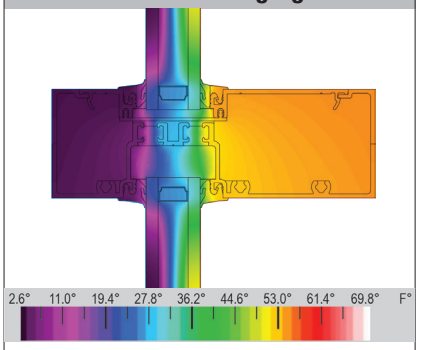
Thermal Performance								
Mullion Depth (1″ IGU)	U-Factor - BTU/hr·ft^2·°F						CRF	
2″ x 6″	0.39	0.37	0.35	0.34	0.32	0.31	72	67
Center of Glass	**0.30**	**0.28**	**0.26**	**0.24**	**0.22**	**0.20**	**Frame**	**Glass**
AAMA 507 & NFRC 100							AAMA 1503	

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

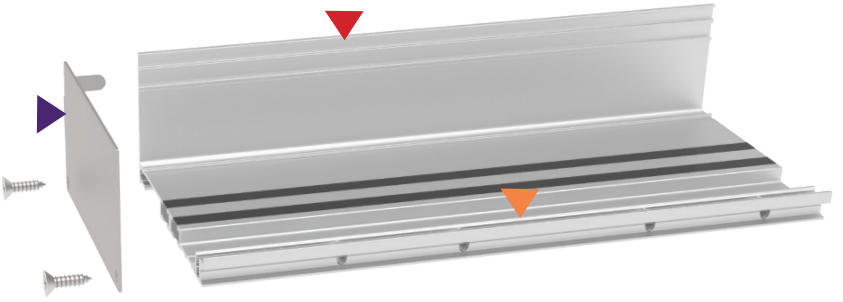
Thermal Imaging



Frame temperature values are based on 0°F exterior and 70°F interior air temperatures.

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

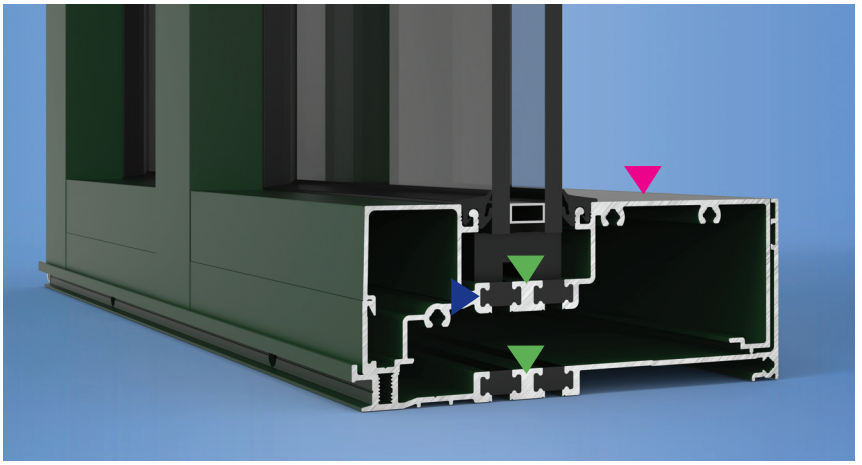


Up Close View of the Sill

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**