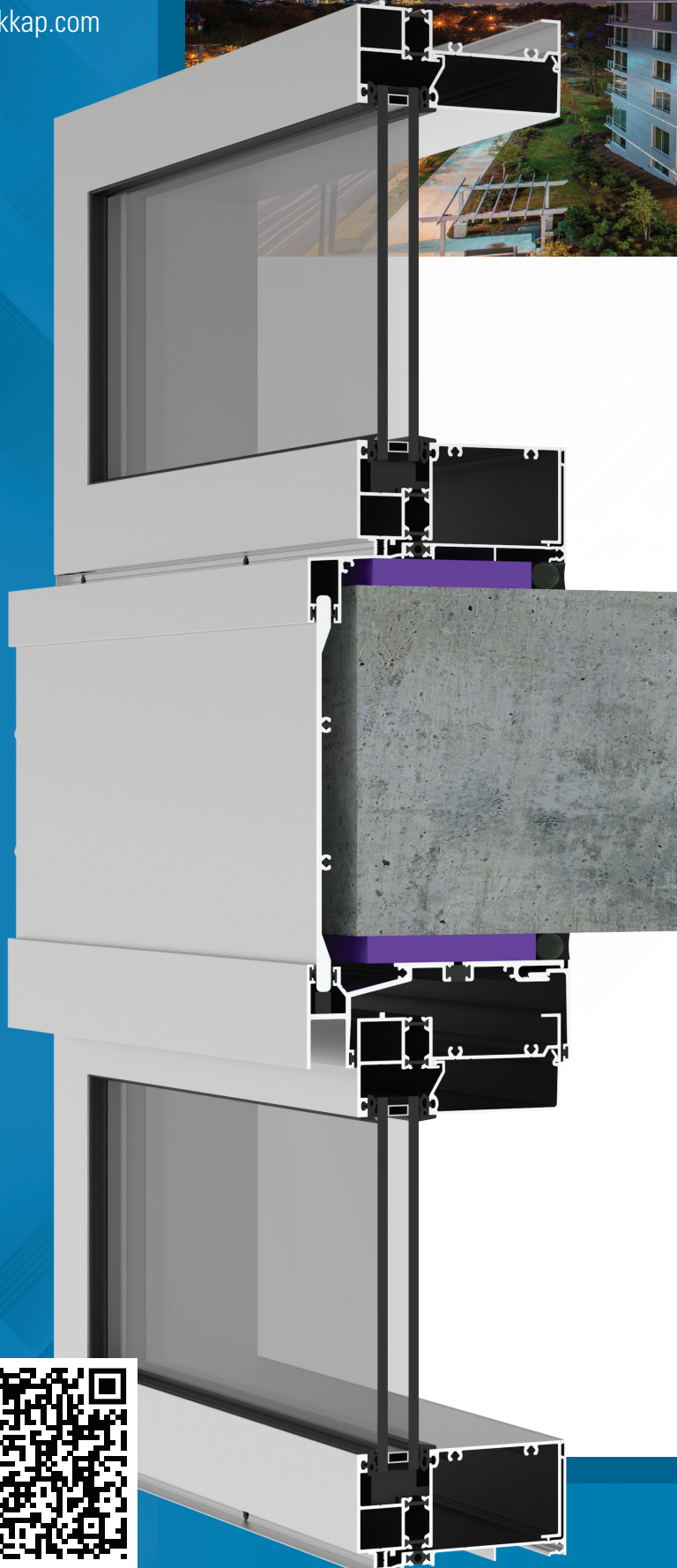




www.ykkap.com



Verde Pointe Apartments - Arlington, VA



YWW 50 T

Thermally Broken Window Wall with Optional Slab Edge Cover

The **YWW 50 T** is a 5-inch deep window wall glazing system designed for use in various multi-story applications. It includes an innovative slab edge cover that yields the beauty and appearance of a curtain wall application. The glass plane is set to the front to maximize energy efficiency. The thermal performance is further enhanced by YKK AP's MegaTherm® thermal break technology.

- Inside, Outside and SSG Glazing Options
- SSG: 2-Sided Field & 4-Sided Shop/Unitized
- 1" Glazing Standard with 1/4" Infill Option
- Thermally Broken by MegaTherm® Iso Bars
- Punched Opening or Slab Edge Floor-to-Floor
- Dual Finish option for Exterior/Interior
- Integrates with our YKK AP Entrances

Configuration:

Glazing	Glass Setting	Installation
Outside, Inside and SSG	Front Set	Screw Spline or Shear Block

Thermal Values:

U-Factor:	Values as low as 0.34*
CRF:	Minimum 70 frame and 63 glass

*Based on NFRC 102. Lower values may be achieved through further simulation.



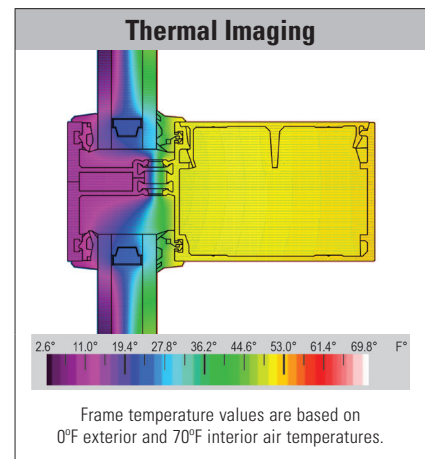
YWW 50 T SPECS		
Base Depth	5" (without Slab Edge Cover)	
Sightline	2-1/4"	
Config	Outside, Inside or SSG Glazed / Front Set	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 12 PSF (575 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Standard STC: 33 Standard OITC: 27	ASTM E 90 ASTM E 1425
	Laminated STC: 36 Laminated OITC: 30	

Thermal Performance								
Mullion Depth (1" IGU)	U-Factor - BTU/hr·ft ² ·°F						CRF	
2-1/4" x 5"	0.42	0.41	0.39	0.38	0.36	0.34	70	63
Center of Glass	0.30	0.28	0.26	0.24	0.22	0.20	Frame	Glass
AAMA 507 & NFRC 102							AAMA 1503	

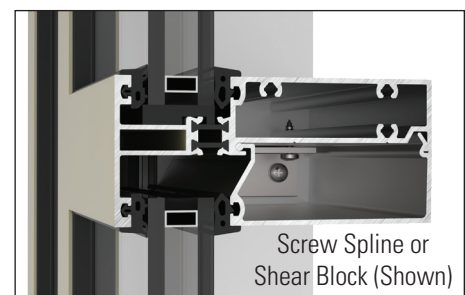
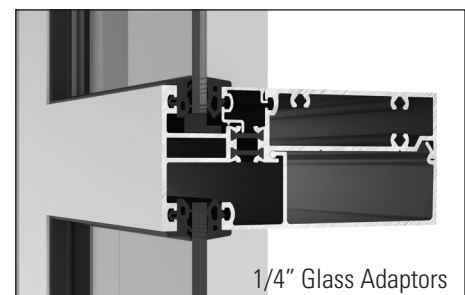
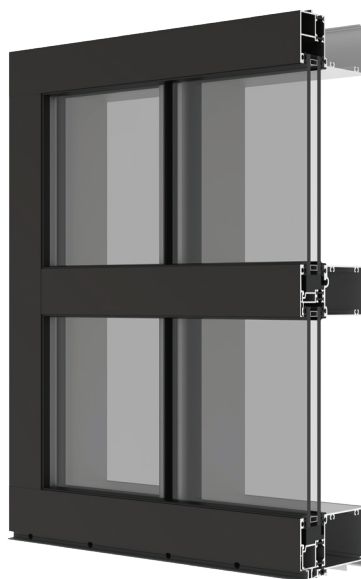
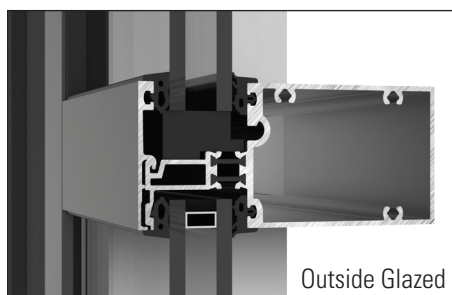
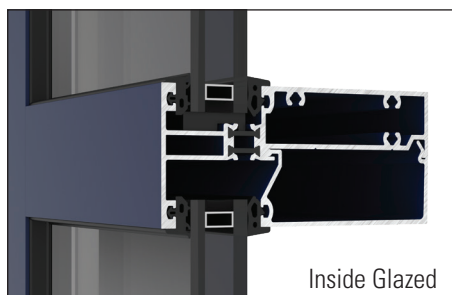
Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

Various System Options

Expansion Mullion, Slab Edge and Covers, Head Receptors, 90° and 135° Outside and Inside Mullions, Door Jambs and Transoms

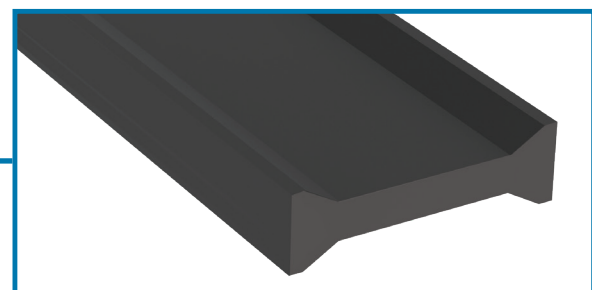
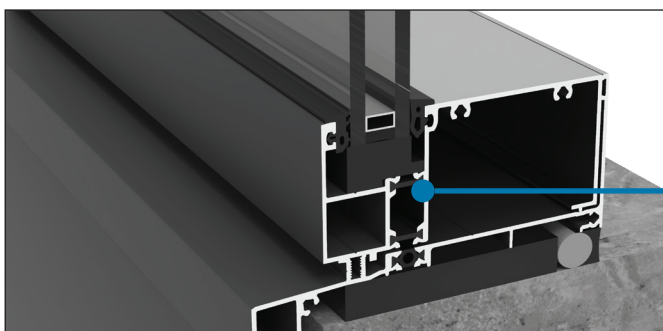


Assembly/Glazing Options



MegaTherm® Iso Struts

This system utilizes dual 6/6 polyamide iso struts that secures the inner and outer mullion pieces together. This strut provides a thermal barrier that saves energy and limits heat transference. It will not degrade, break due to the glass-fiber reinforcement. This also allows for dual-finish capability.



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