

YKK ap[®]

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Royal Ridge Building - Alpharetta, GA

YWE 40 T

Thermally Improved, Front Loading Window Wall System

The **YWE 40 T** is a thermally improved window wall system designed and engineered to meet the design challenges of today's new buildings. The system is capable of spanning from floor to floor, even at higher design loads. The system is glazed from the interior to reduce field labor with options for outside re-glazing. Optional head and sill anchors allow ease of installation for punched openings.

- Thermal Clips help reduce heat transfer
- Dual Finish option for Exterior/Interior
- Optional SSG Intermediate Verticals
- Integrates with our YKK AP Entrances
- 2-piece Interior Glass Stop to improve system performance

Configuration:

Glazing	Glass Setting	Installation
Inside	Front Set	Screw Spline

Thermal Values:

U-Factor:	Values as low as 0.45*
CRF:	Minimum 57 _{frame} and 64 _{glass}

*Based on AAMA 507. Lower values may be achieved through further simulation.

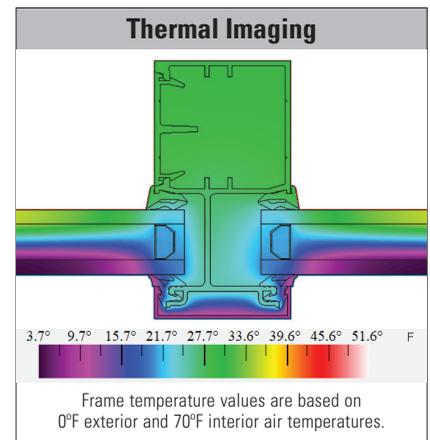


YWE 40 T SPECS		
Base Depth	4"	
Sightline	2"	
Config	Inside Glazed / Front Set	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 10 PSF (575 Pa) Dynamic: 10 PSF (575 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Laminated STC: 34 Laminated OITC: 28	ASTM E 90 ASTM E 1425

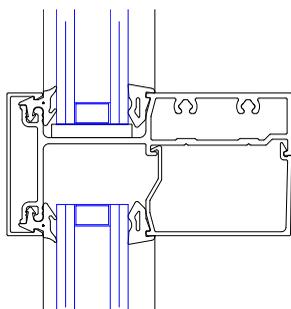
Thermal Performance		
Mullion Depth	CRF	
2" x 4"	57	64
	Frame	Glass
AAMA 1503		

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

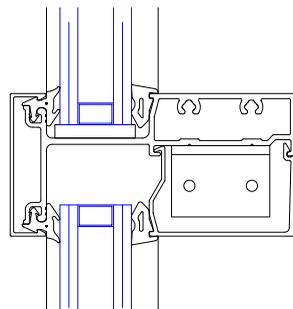
Various System Options
Continuous Head & Sill, Vertical Through, Vertical 2-Sided SSG Glazing



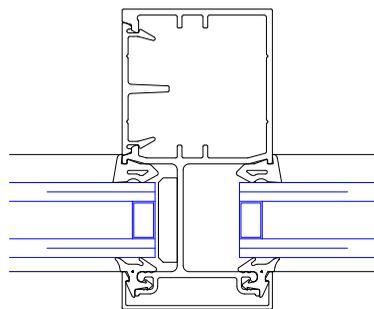
Vertical/Horizontal Details



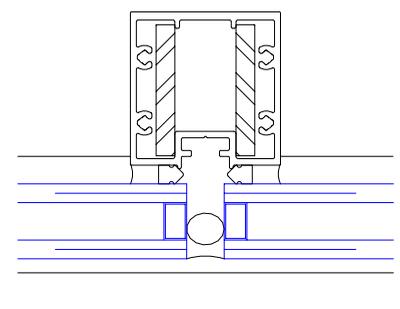
Horizontal Detail



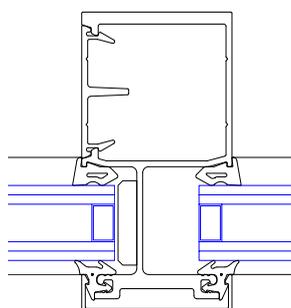
Horizontal Detail for
Continuous Head & Sill



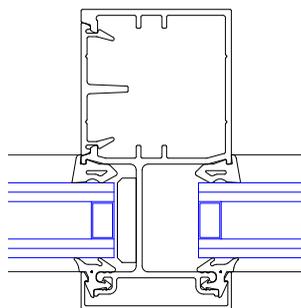
Vertical Detail



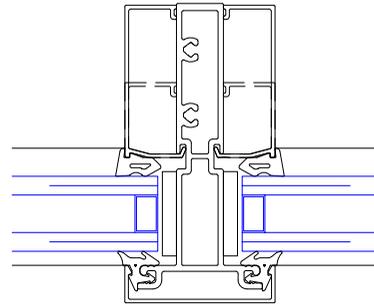
SSG Vertical Detail



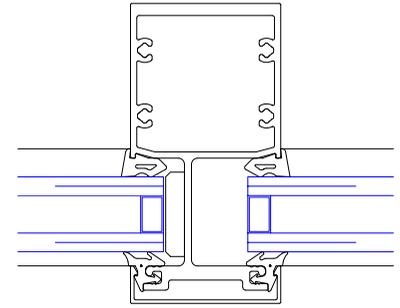
Heavy Duty Vertical Detail



Vertical Detail for
Continuous Head & Sill



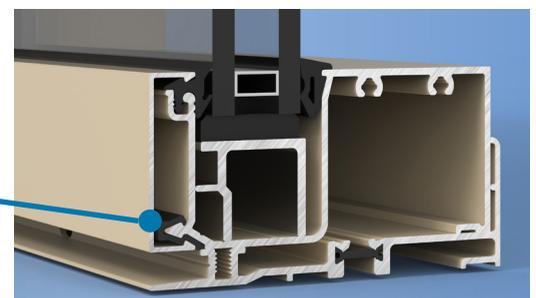
Optional Vertical Detail for
Continuous Head & Sill



Heavy Duty Vertical Detail
for Continuous Head & Sill

Thermal Clips

Polyamide 6/6 (E3-0037) clips are applied to the exterior ends on the of the head and sill mullion pieces to help improve the overall thermal performance of the system. They are applied 3" from each end and no more than 12" on center.



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