

YKK AP[®]

www.ykkap.com



The Spire Midtown Condos - Atlanta, GA

YCW 750 IG

Inside Glazed Curtain Wall System

The **YCW 750 IG** is an inside glazed curtain wall system designed for low to mid-rise applications. Where inside glazing is not permissible, optional horizontals are available for outside glazing. Attaching the face cover with the thermal clips improves the system performance, reduces fabrication, field labor, and enables a separate finish to be specified.

- Inside Glazing speeds up installation
- Dual finish capability for different exterior and interior colors
- Open back head and sill members
- Two-piece glass stop improves the critical seals and reduces material cost
- Integrates with our YKK AP Entrances and Sun Control Systems
- Custom design solutions may be available through our Engineering Center

Configuration:

Glazing	Glass Setting	Installation
Inside	Front Set	Shear Block

Thermal Values:

U-Factor:	Values as low as 0.49*
CRF:	Minimum 63 _{frame} and 71 _{glass}

*Based on AAMA 1503. Lower values may be achieved through further simulation.

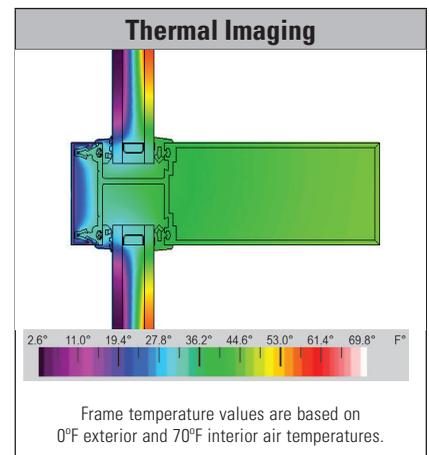


YCW 750 IG SPECS		
Base Depth	7-1/2"	
Sightline	2-1/2"	
Config	Inside Glazed / Front Set	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 20 PSF (958 Pa) Dynamic: 20 PSF (958 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Standard STC: 31 Standard OITC: 25	ASTM E 90 ASTM E 1425
	Laminated STC: 34 Laminated OITC: 29	

Thermal Performance	
CRF	
63	71
Frame	Glass
AAMA 1503	

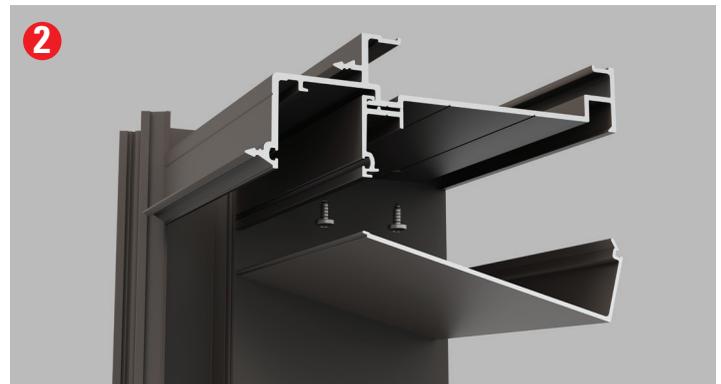
Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

Mullion Depth Options	
with 1/4" Glass	
5-1/4" or 6-3/4"	
with 1" Glass	
6" or 7-1/2"	



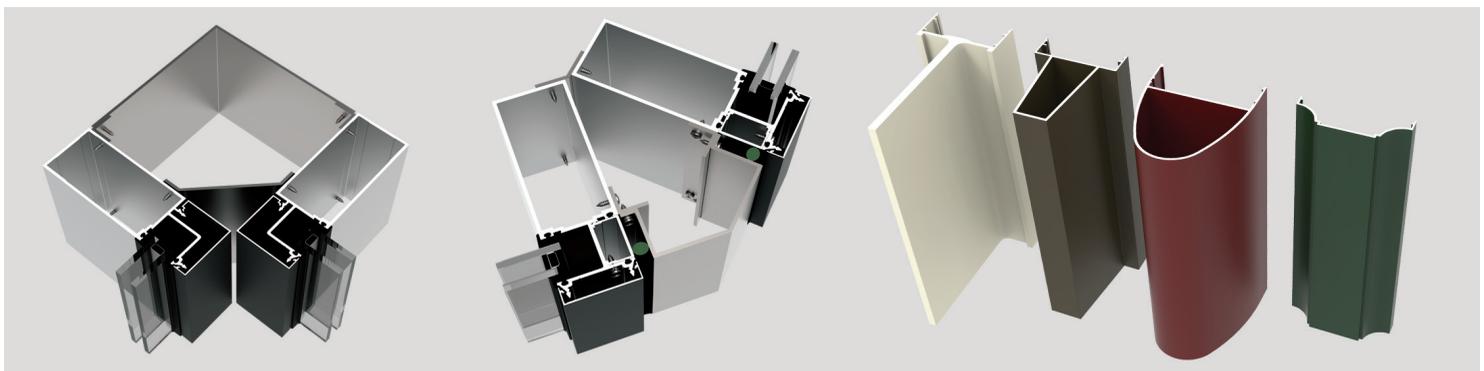
Shear Block Assembly

We have designed a unique shear block for our inside glazed curtainwall systems. **1** Measure or use our drill fixtures for the initial shear block holes. Apply and fasten the shear block to the verticals and jams. **2** Then, drill holes in the adjacent head, sill or horizontal mullions. Now, you can fasten to tighten and secure mullions in place. Finally, install any covers to conceal the block. More specifics are in our installation instructions.



Customization

YKK AP offers numerous options including variable mullion depths, angled corners, re-glazed conditions and custom face cover styles.



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