

YKK ap

www.ykkap.com



Northern Kentucky Health Innovation Center - Highland Heights, KY

YCW 750 OG

Outside Glazed Curtain Wall System

The **YCW 750 OG** is a curtain wall system that was carefully engineered to provide the flexibility required for today's projects and meet the most stringent building codes. The system provides improved thermal performance to conserve energy and has different back member depths to accommodate taller spans and higher design pressures.

- Variety of options including face covers, splayed mullions and back members at different depths
- Dual finish capability for different exterior and interior colors
- Flexible span sizes and design pressures
- Stick built with concealed fasteners
- 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
Outside	Front Set	Shear Block

Thermal Values:

U-Factor:	Values as low as 0.36*
CRF:	Minimum 59 _{frame} and 61 _{glass}

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

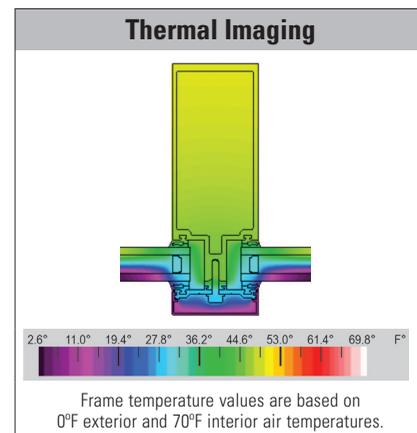


YCW 750 OG SPECS		
Base Depth	7-1/2"	
Sightline	2-1/2"	
Config	Outside Glazed / Front Set	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 15 PSF (718 Pa) Dynamic: 15 PSF (718 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Standard STC: 31 Standard OITC: 26	ASTM E 90 ASTM E 1425
	Laminated STC: 36 Laminated OITC: 30	

Thermal Performance								
Mullion Depth	U-Factor - BTU/hr·ft ² ·°F						CRF	
2-1/2" x 6"	0.44	0.43	0.41	0.39	0.38	0.36	59	61
2-1/2" x 7-1/2"	0.46	0.45	0.43	0.41	0.40	0.38	65	64
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

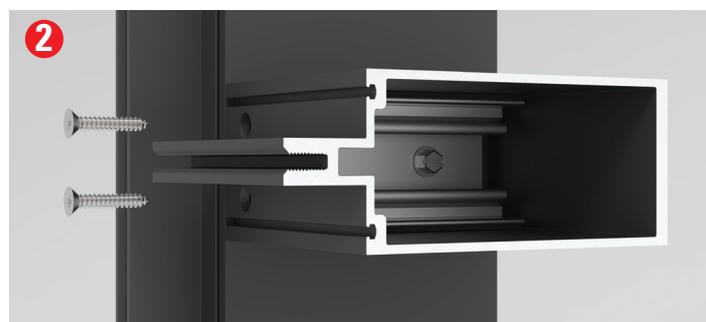
Mullion Depth Options*
with 1/4" Glass
5-1/4" or 6-3/4"
with 1" Glass
6" or 7-1/2"



*Custom depths (up to 10-1/2") may be available.
Please contact your local rep for details.

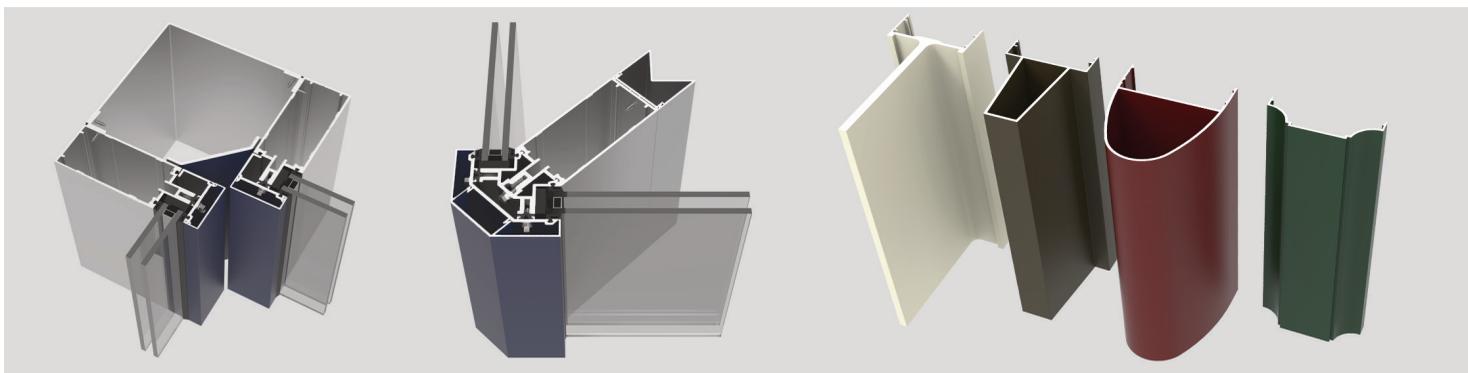
Shear Block Assembly

We have designed a reliable shear block that integrates easily with our curtain wall systems. **1** Measure or use our drill fixtures for the initial shear block holes. Apply and fasten the shear block to the Verticals and Jamb. **2** Then, drill and countersink holes in the adjacent head, sill or horizontal mullions. You can now apply the fasteners to tighten and secure the mullions in place. More specifics are in our installation instructions.



Customization

YKK AP offers numerous options including variable mullion depths, angled corners, heavy duty 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