

YCW 750 XT

Advanced Thermal Performing Curtain Wall System

enerGfacade®



Energy Saving Curtain Wall with Multiple Glazing Options

YCW 750 XT yields best-in-class thermal performance and exceeds not only current codes, but also exceeds the most stringent green building codes and standards in the market today. This 2-1/2" sightline outside glazed curtain wall system utilizes MegaTherm® technology with structural polyamide struts (in 3 widths) that accommodate standard 1" glazing units as well as advanced glazing options such as triple glazing and suspended film technology.

To ensure long-term structural integrity, the dead load of the insulating glass rests on integrated structural supports, diverting this load away from the thermal barriers.

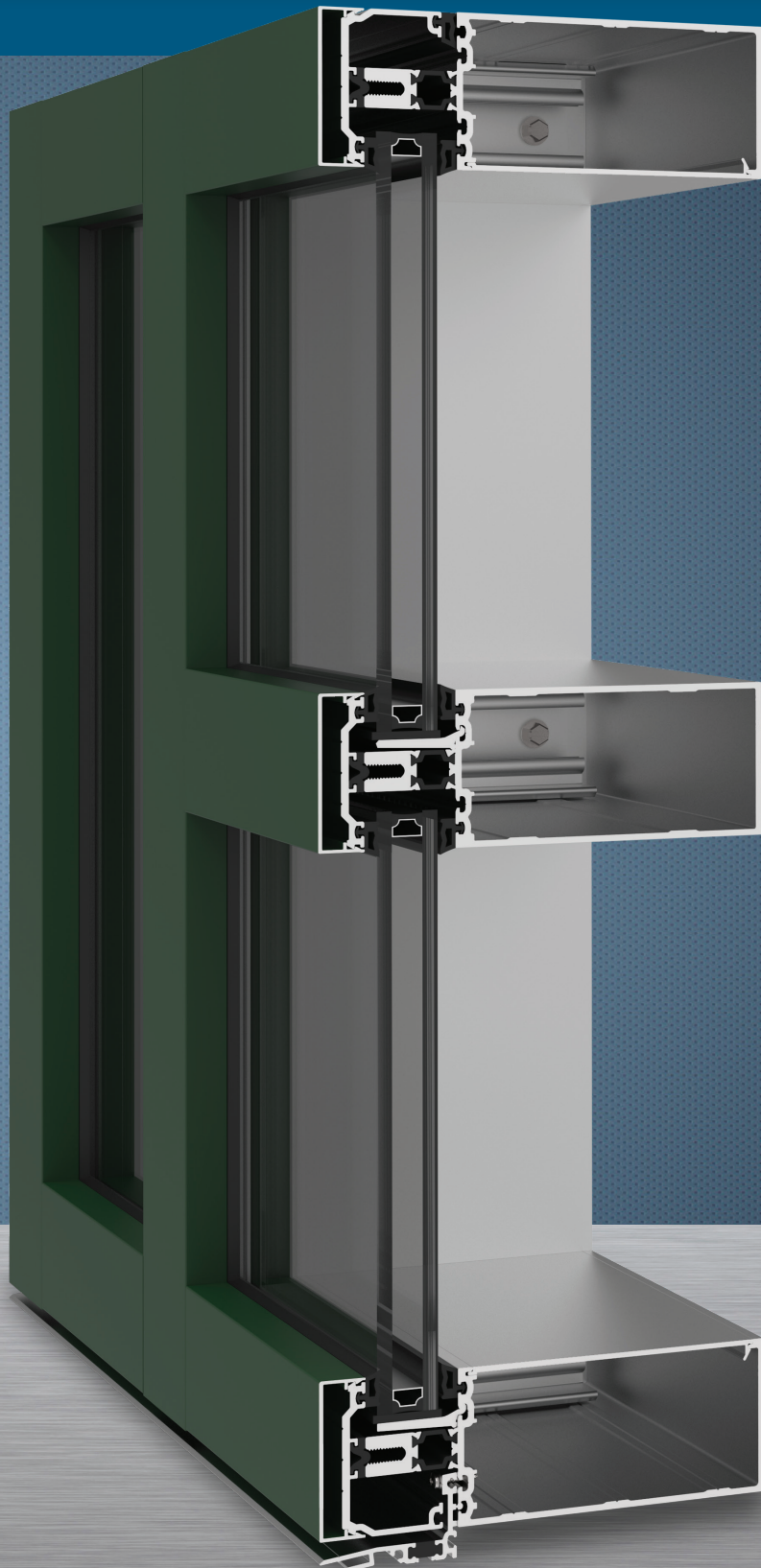
Product Options & Features

- Integrates with our ThermaShade® and Luminance® sun control products
- Ability to integrate with building's air-vapor barrier system
- Optional integral thermally broken sill flashing available (shown)
- Designed to accommodate glazings up to 2-1/4" standard



**YKK
ap**

Quality
inspires®



YCW 750 XT

SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
2-1/2"	7-1/2"	Outside & Front Set	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	Static: 15 PSF (718 Pa) Dynamic: 15 PSF (718 Pa)	U-factor: 0.37 BTU/HR·FT ² ·°F* CRF: Minimum of 78 on frame**	Std STC: 32 Std OITC: 27
Testing Standards				ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 100 & ** AAMA 1503	ASTM E 90 & 1425

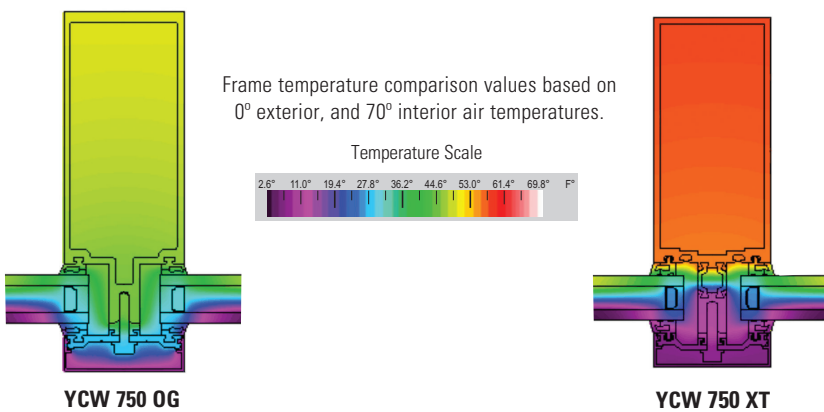
Optional Depths

1" Glass - 6" to 9" 1-1/2" Glass - 6-1/2" to 9-1/2" 1-3/4" Glass - 6-3/4" to 9-3/4" 2" Glass - 7" to 10"

Available Finishes

Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)

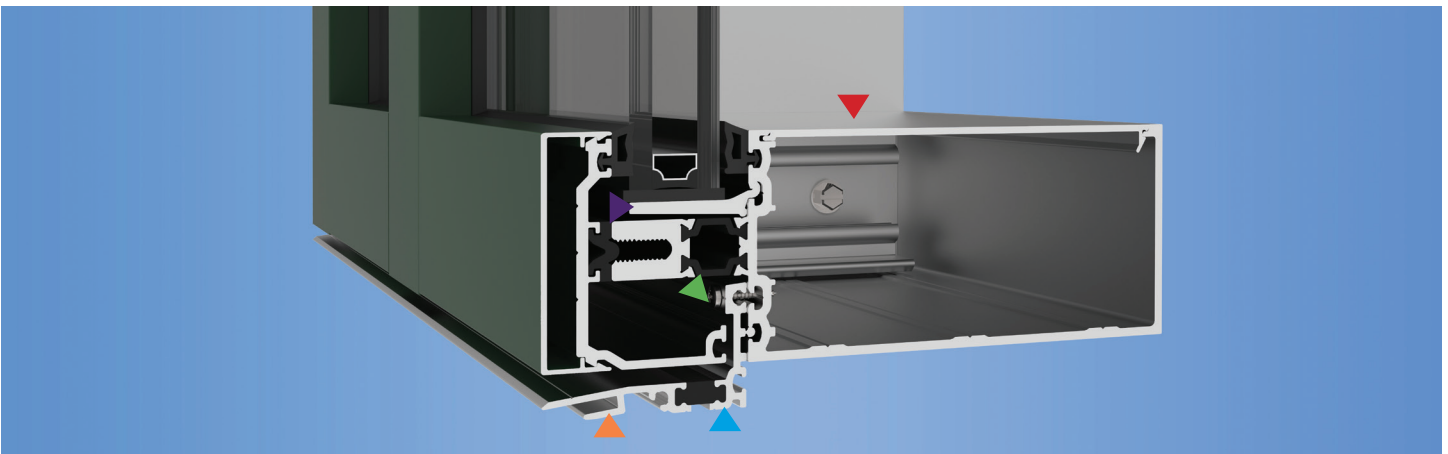
THERMAL IMAGING



Elizabeth City State University Psychology Dept. - Elizabeth City, NC

ZOOM MULLION VIEW

- ▼ **DUAL THERMAL BARRIER** - Polyamide struts (6/6 with glass fibers on all three axes) and thermal isolator
- ▼ **WARMER INTERIOR SURFACES** - Greater occupant comfort and increased resistance to condensation, with CRF_f values up to 82
- ▼ **INTEGRATED STRUCTURAL SUPPORT** - Carry dead load of the insulating glass, diverting load away from polyamide struts
- ▼ **OPTIONAL INTEGRAL SILL FLASHING** - Diverts internally drained water away from adjacent building components at sill
- ▼ **OPTIONAL BREAK METAL INTERFACE** - Allows flashing to extend further from the building at the sill



Additional information including CAD details, CSI specifications, Test Reports, Fenestration Product Rating Certificates and Installation instructions are available online at: www.ykkap.com/commercial/product/curtain-walls/ycw-750-xt/