YWW 50 T
Thermally Broken Window Wall System with Optional Slab Edge Cover

Product Description
The YWW 50 T is a window wall glazing system designed for use in 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 thermal performance. The system has mullion options that allow glazing from the interior or the exterior. Structural Silicone Glazing is also an option. Thermal performance is enhanced by YKK AP’s patented MegaTherm® thermal break technology that also provides the system with dual finish capability. The screw spline assembly makes fabrication and installation more efficient.

Product Options & Features
- Slab Edge Cover Option
- MegaTherm® Thermal Barrier
- Inside, Outside and SSG Glazing Options
- 1” Infill with 1/4” Infill Adapter Options
- Compatible with Entrance Systems
- Screw Spline Fabrication and Assembly

U-Factor Values as low as 0.34*
Minimum 70 frame & 63 glass

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

<table>
<thead>
<tr>
<th>System Sightline</th>
<th>Base Depth</th>
<th>Glazing &amp; Config</th>
<th>Glass</th>
<th>Air Infiltration</th>
<th>Water Infiltration</th>
<th>Acoustical Performance</th>
</tr>
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</table>
| 2-1/4”           | 5”         | Outside, Inside or SSG & Front Set | 1” IGU with Low-E (C.O.G. U-factor: 0.29) | 0.06 CFM/FT² (1.10 m³/h·m²) @ 6.24 PSF (299 Pa) | Static: 12 PSF (575 Pa) | Lam STC: 36 
Lam OITC: 30 |

**Testing Standards**
ASTM E 283
ASTM E 331 & AAMA 501
ASTM E 90 & 1425

**Installation Options**
Slab Edge, Continuous or Screw Spline with Monolithic or Insulating Glass

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

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## GLAZING OPTIONS

- Standard 1” Glazing
- 1” over 1/4” Glazing
- 1” Glazing Short Depth
- 1/4” Glazing w/ Adapter
- 1/4” over 1” Glazing

## MEGATHERM® FRAMING

This system utilizes a dual barrier 6/6 polyamide iso strut set that secures the inner and outer mullion pieces together. This strut provides a thermal barrier that conserves energy and limits heat transferance. It will not degrade, crack or break due to the glass-fiber reinforcement.

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**Thermal Performance**

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**Testing Standards**
AAMA 507 & NFRC 100

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**CRF**

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**AAMA 1503**

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Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at: [www.ykkap.com/commercial/product/window-walls/yww-50-t/](http://www.ykkap.com/commercial/product/window-walls/yww-50-t/)