The YWW 45 T system is designed specifically to meet the performance requirements of window walls for multi-story buildings. Glass is set to the front of the system to maximize thermal performance and may be glazed from either the interior of the building for labor savings or from the exterior at column line applications. The YWW 45 T system is thermally broken by YKK AP’s patented MegaTherm® technology. The assembly sits down on a thermally broken sill flashing member.

Product Options & Features

- Screw Spline Construction
- Optional Structural Silicone Glazed Intermediate Vertical
- Separate Interior/Exterior Finish Options
- Integral Door Frame
- 1” Glazing or 1/4” Glazing with Adapters

U-Factor Values as low as 0.33*

CRF Minimum 69 frame & 64 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>
</thead>
<tbody>
<tr>
<td>2-1/4”</td>
<td>4-1/2”</td>
<td>Outside, Inside or SSG &amp; Front Set</td>
<td>1” IGU with Low-E (C.O.G. U-factor: 0.29)</td>
<td>0.06 CFM/FT² (1.10 m³/h·m²) @ 6.24 PSF (299 Pa)</td>
<td>Static: 12 PSF (575 Pa) Dynamic: 12 PSF (575 Pa)</td>
<td>Std STC: 33 Lam STC: 35 Std OITC: 27 Lam OITC: 29</td>
</tr>
</tbody>
</table>

### Testing Standards
- ASTM E 283
- ASTM E 331 & AAMA 501
- ASTM E 90 & 1425

### Installation Options
Continuous Head & Sill, Vertical Through or Screw Spline with Monolithic or Insulating Glass

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

## Thermal Performance

### 1” IGU

<table>
<thead>
<tr>
<th>C.O.G U-Factor</th>
<th>BTU/hr·ft²·°F</th>
<th>CRF</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.30</td>
<td>0.28</td>
<td>69</td>
</tr>
<tr>
<td>0.26</td>
<td>0.24</td>
<td>64</td>
</tr>
<tr>
<td>0.22</td>
<td>0.20</td>
<td></td>
</tr>
</tbody>
</table>

**Testing Standards**
- AAMA 507

## Corner Options

- 160 to 170 Degree Outside
- 165 to 183 Degree Inside
- 90 Degree Outside
- 135 Degree Outside

1” Glazing shown. 1/4” options also available.

## ISO Struts

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.

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at: [www.ykkap.com/commercial/product/window-walls/yww-45-t/](http://www.ykkap.com/commercial/product/window-walls/yww-45-t/)