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

**Product Description**

The YWW 50 TU is a 5-inch deep 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. Two-sided Structural Silicone Glazing is also an option. Thermal performance is enhanced by YKK AP's patented ThermaBond Plus® thermal break technology that also provides the system with dual finish capability. The screw spline assembly design makes fabrication and installation more efficient.

**Product Options & Features**

- Unitized/Pre-Glazed & Field Glazed Options
- Slab Edge Cover Option
- Inside, Outside and SSG Glazing Options
- 1” Infill with 1/4” Infill Adapter Options
- ThermaBond Plus® Pour & De-Bridged Barrier
- Compatible with Entrance Systems
- Screw Spline Fabrication and Assembly
**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>Thermal Performance</th>
<th>Acoustical Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4”</td>
<td>5”</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>U-factor: 0.41 BTU/HR•F•ºF* CRF: Minimum of 50 on frame**</td>
<td>Std STC: 32 Std OITC: 26 Lam STC: 35 Lam OITC: 29</td>
</tr>
</tbody>
</table>

**Testing Standards**  
ASTM E 283  
ASTM E 331 & AAMA 501  
* NFRC 100/200/500 & **AAMA 1503  
ASTM E 90 & 1425

**Installation Options**  
Pre-Assembled/Pre-Glazed or Field Glazed with Slab Edge or Head Receptor

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

**WINDOW WALL FEATURES**

- Slab Edge
- Unitized Framework

**THERMALLY BROKEN**

TheraBond Plus® process is a pour and debridged process that greatly improves the adhesion of the polyurethane material to the aluminum extrusion. Combining science and technology, TheraBond Plus® process resolves the problem of adhesion and the resulting dry shrinkage associated with typical poured and debridged systems.

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at:  