Product Description

The YES 60 TU is a thermally broken, offset, flush glazed storefront system for insulating glass. This system uses a pour and debridged pocket that employs a patented process, ThermaBond Plus®, to greatly improve adhesion of the polyurethane to the extruded aluminum. Combining science with technology, ThermaBond Plus® resolves the problem of adhesion and the resultant dry shrinkage associated with typical poured and debridged systems. The system can deliver the thermal performance necessary for climate zones 1-3, and climate zones 4-6 when complying with ASHRAE 90.1 versions of the energy code thru 2013 using 1” low E IGU’s. This system was also built to achieve taller spans while keeping great energy performance.

Product Options & Features

- ThermaBond Plus® Thermal Break
- Diamond-shaped Screw Spline assembly
- Integrates with 20D/35D/50D Single & Pair Doors
- High performance sill flashing
- Integrates with YES 45 Series storefronts
- Compatible with ThermaShade® and Luminance® Sun Control systems

Values as low as 0.33*

Minimum 69 frame & 68 glass

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

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<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”</td>
<td>6”</td>
<td>Outside &amp; Offset</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 (574 Pa)</td>
<td>Std STC: 31</td>
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<tr>
<td></td>
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<td>Dynamic: 12 PSF (574 Pa)</td>
<td>Lam STC: 34</td>
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</tbody>
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**Testing Standards**

- ASTM E 283
- ASTM E 331 & AAMA 501
- ASTM E 90 & 1425

**Installation Options**

- Screw Spline with Insulating Glass

**Available Finishes**

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

<table>
<thead>
<tr>
<th>Testing Standards</th>
<th>Thermal Performance</th>
<th>CRF</th>
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<tbody>
<tr>
<td></td>
<td>C.O.G U-Factor</td>
<td>Frame</td>
</tr>
<tr>
<td></td>
<td>1” IGU</td>
<td>69</td>
</tr>
<tr>
<td></td>
<td>2” x 6”</td>
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<td>AAMA 507</td>
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</table>

**Thermal Performance**

- 1” IGU C.O.G U-Factor: 0.50
- 2” x 6” C.O.G U-Factor: 0.41

**Testing Standards**

- ASTM E 283
- ASTM E 331 & AAMA 501
- ASTM E 90 & 1425

**INDUSTRY LEADING SILL FLASHING**

- No Blind Seals - no secondary penetration of sill and flashing
- Taller back leg - enhanced water resistance (10 PSF) in the field, and in field water testing
- Patented 3 point attachment of end dam for reduced transit damage. Remains intact and sealed throughout life of the building
- No sill anchoring required if end reaction less than 500 lbs.

**WIND LOAD PERFORMANCE COMPARISON**

- YES 60 TU vs. YES 45 TU

**FASTER INSTALLATION**

**Diamond Shaped Screw Splines**

- Reducing structural stress at fastener head connection helps prevent any screw breaks
- Eliminates the need for wax dipping
- Chip relief allows for quicker screw driving, resulting in reduced fabrication time

**Structural Integrity**

- Industry leading sill flashing
- No blind seals - no secondary penetration of sill and flashing
- Taller back leg - enhanced water resistance (10 PSF) in the field, and in field water testing
- Patented 3 point attachment of end dam for reduced transit damage. Remains intact and sealed throughout life of the building
- No sill anchoring required if end reaction less than 500 lbs.

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

www.ykkap.com/commercial/product/storefronts/yes-60-tu/