**Product Description**

The YES 45 FT is a thermally broken, center set, flush glazed storefront system for monolithic and insulating glass. The system is thermally broken by YKK AP MegaTherm® technology, which provides a continuous thermal barrier while conserving energy and reducing condensation. MegaTherm® technology incorporates 6/6 nylon polyamide glass-fiber reinforced pressure extruded bars that will not crack, shrink, or degrade.

**Product Options & Features**

- 2-1/4” Face by 4-1/2” Overall Depth
- Outside Glazed / Inside Glazed Option
- Glazing of 1/4” up to 1” Infills
- Screw Spline or Shear Block Assembly
- Seamless Entrance Door Integration
- Optional 4” Vertical and Horizontal Profiles
- Gasket With Stretch-Resistant Cord
- YKK AP MegaTherm® Thermal Break
- Separate Interior/Exterior Finish Options
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>
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</thead>
<tbody>
<tr>
<td>2-1/4&quot;</td>
<td>4-1/2&quot;</td>
<td>Inside or Outside &amp; Center Set</td>
<td>1&quot; 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: 10 PSF (479 Pa) Dynamic: 10 PSF (479 Pa)</td>
<td>U-factor: 0.46 BTU/HR·FT²·ºF* CRF: Minimum of 60 on frame**</td>
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</tbody>
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Testing Standards

<table>
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<th>Installation Options</th>
<th>Available Finishes</th>
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<tbody>
<tr>
<td>ASTM E 283</td>
<td>ASTM E 331 &amp; AAMA 501</td>
</tr>
<tr>
<td>ASTM E 331 &amp; AAMA 501*</td>
<td>NFRC 100 &amp; AAMA 1503 **</td>
</tr>
<tr>
<td>Screw Spline or Shear Block with Monolithic or Insulating Glass</td>
<td>Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 &amp; AAMA 2605)</td>
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</table>

HINGED MULLIONS

With the use of our hinged mullion setup, the YES 45 system direction can be changed to allow angles and curves to create a more aesthetic and functional design with your building project. The 165-180 degree hinged mullion can be combined with a 90 degree static mullion.

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/storefronts/yes-45-ft/