YHW 60 TU
Pre-Glazed Hurricane Impact Window Wall System

Protection for your Window Wall

The YHW 60 TU is a thermally broken hurricane impact resistant system that builds on our line of versatile wall solutions for mixed use buildings. The glass plane is set to the front to maximize thermal performance and accommodates up to 1-5/16” glazing infill. Fast, efficient installation is done by using the same system for impact glazing on lower floors and non-impact glazing on upper levels. Screw spline assembly and two piece mullions facilitate any pre-glazing or inside glazing at the jobsite.

Product Options & Features

- Slab edge cover option available
- IBC & Florida Product Approvals:
  - Large & Small Missile
  - Statewide & High Velocity Hurricane Zone
- Design Pressures up to 90 psf
- 10’ Spans with 5’ Spacing
- Oversized units in punched openings
- YKK AP ThermaBond Plus® thermal breaks
- Expansion/Heavy Duty Mullions available
- Compatible with YKK AP entrances and vents

U-Factor Values as low as 0.34*

CRF Minimum 7 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>2-1/2&quot;</td>
<td>6&quot;</td>
<td>Pre-Glazed or Inside &amp; Front Set</td>
<td>1-5/16&quot; Laminated Insulating</td>
<td>0.06 CFM/ft²&lt;sup&gt;2&lt;/sup&gt; (1.10 m³/h·m²)@ 6.24 PSF (299 Pa)</td>
<td>Static: 15 PSF (718 Pa) Dynamic: 15 PSF (718 Pa)</td>
<td>Lam STC: 39 Lam OITC: 33</td>
</tr>
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### Testing Standards
- ASTM E 283
- ASTM E 331 & AAMA 501
- ASTM E 90 & 1425

### Florida Product Approvals
- Large and Small Missile, IBC Statewide and HVHZ

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

## INSTALLATION / PRE-GLAZE/SILL FLASHING

### Installation Efficiency
- Anchoring options for varying wall conditions
- Impact and non-impact glazing utilize the same system
- Small Missile and Non-Impact are dry glazed
- Optional strap anchors for varying wall construction

### High Performance Sill Flashing
- No Blind Seals and no secondary penetration of sill and flashing
- Taller back leg for enhanced water resistance in the field, and in field water testing
- Patented 3 point attachment of end dam that remains intact and sealed

### Pre-Glaze in the Shop
- Faster “dry in” of the building
- Reduced time and field labor at the job site
- Critical seals done in environmentally controlled area or Inside-Glaze at the job site

## Thermal Performance

<table>
<thead>
<tr>
<th>1-5/16&quot; Laminated IGU</th>
<th>BTU/hr·ft²·°F</th>
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</thead>
<tbody>
<tr>
<td>C.O.G U-Factor</td>
<td>0.50 0.28 0.26 0.24 0.22 0.20</td>
</tr>
<tr>
<td>2-1/2&quot; x 6&quot;</td>
<td>0.42 0.41 0.39 0.37 0.36 0.34</td>
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### CRF

<table>
<thead>
<tr>
<th>Frame</th>
<th>Glass</th>
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<tbody>
<tr>
<td>71</td>
<td>64</td>
</tr>
</tbody>
</table>

### AAMA Thermal Performance
- AAMA 507
- AAMA 1503

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at: [www.ykkap.com/commercial/product/window-walls/yhw-60-tu/](http://www.ykkap.com/commercial/product/window-walls/yhw-60-tu/)