YSD 600 T
Thermally Broken Architectural Sliding Door

Architectural Grade Sliding Door
The YSD 600 T is a thermally broken architectural (AW) rated sliding glass door designed to provide greater energy efficiency and occupant comfort. The engineering behind the design concept provides enhanced structural capabilities without the need to add reinforcing. This sliding door is designed to accept standard tempered 1” thick insulating units. All panels, fixed and operable, may be pre-glazed in the shop to take advantage of a controlled environment and less expensive shop labor.

Product Options & Features
- Available configs: OX, XO, OXO, & OXXO
- AAMA/WDMA 101/I.S. 2-97/NAFS-02
  - AW-75 Grade
- Thermally broken by ThermaBond Plus® (frame) and MegaTherm® (panels) technology
- Factory glazing and Screens
- Standard heavy-duty hardware, including stainless steel tandem rollers & track cover for years of worry-free operation
- Available with optional low-profile sill (Available in OX and XO configurations only)

U-Factor Values as low as 0.46

CRF Minimum 43 frame & 62 glass

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

<table>
<thead>
<tr>
<th>System Depth</th>
<th>Glass</th>
<th>Air Infiltration</th>
<th>Water Infiltration</th>
<th>Thermal Performance</th>
<th>Acoustical Performance</th>
<th>Forced Entry Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>6”</td>
<td>1-3/16” Laminated IGU with (C.O.G. U-factor: 0.29)</td>
<td>Sliding Doors: 0.30 CFM/FT² @ 6.24 PSF (299 Pa)</td>
<td>Static: 20 psf (958 Pa) Low-Profile: 12 psf (574 Pa)</td>
<td>U-factor: 0.51 BTU/HR•FT²•°F* CRF: Minimum of 43 on frame**</td>
<td>Lam STC: 33 Lam OITC: 30</td>
<td>Tested in accordance and meets the requirements of Performance Grade 10</td>
</tr>
</tbody>
</table>

### Testing Standards
- ASTM E 283
- ASTM E 331 & 547
- *NFRC 100 & **AAMA 1503
- ASTM E 90 & 1425
- ASTM F 842 & TAS 202

### Structural Performance
- AW Performance Grade 75

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

### Thermal Performance

<table>
<thead>
<tr>
<th>C.O.G U-Factor</th>
<th>Standard Threshold</th>
<th>Testing Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.30</td>
<td>0.53</td>
<td>AAMA 507</td>
</tr>
<tr>
<td>0.28</td>
<td>0.52</td>
<td></td>
</tr>
<tr>
<td>0.26</td>
<td>0.50</td>
<td></td>
</tr>
<tr>
<td>0.24</td>
<td>0.49</td>
<td></td>
</tr>
<tr>
<td>0.22</td>
<td>0.48</td>
<td></td>
</tr>
<tr>
<td>0.20</td>
<td>0.46</td>
<td></td>
</tr>
</tbody>
</table>

### CRF
- Frame: 43
- Glass: 62

### Testing Standards
- AAMA 1503

## THERMAL IMAGING

Frame temperature comparison values based on 0°F exterior, and 70°F interior air temperatures.

### Low Profile Option

*The Low Profile Threshold option is intended to integrate into designs that require FHA-compliant access to balconies and terraces. Compliance can depend on hardware, approach area, reach, forces and motion; and therefore, must be verified by the architectural and engineering team for each application. With properly designed building conditions and correct installation, YKK AP Low profile threshold components will meet accessibility criteria per the FAIR HOUSING ACT REGULATIONS 24 CFR 100.205 Chapter 4. “Thresholds and Accessibility Routes at Exterior Doors.”

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at: [www.ykkap.com/commercial/product/sliding-doors/ysd-600-t/](http://www.ykkap.com/commercial/product/sliding-doors/ysd-600-t/)