**Stiles Custom Metal Inc**

**1885 Kinser Road**

**Ceres CA USA 95307**

**T 209 538 3667**

**F 209 538 2776**

**E sales@stilesdoor.com**

---

**Stiles Steel Door + Window Systems**

**®**

**Think Green.** Recycled materials and long life cycle make Audia™ a truly sustainable choice.

---

**STC 45**

**Model DSW-45 / Wood Sound Control Door Assembly**

**Assembly**

Audia™ built-to-order acoustic assemblies come complete with wood door, steel frame, lite kit, sound seals and door bottom seal. Door factory finished for interior locations.

**Materials**

Door: See Wood Species  Frame: Steel, Stainless Steel or Bronze

**Door Faces**

WDMA premium A-grade extra heavy-duty, compliant with WDMA I.S. 1-A, FSC Certified available

Veneer Match: Book match veneer is standard

Face Assembly: Running match is standard

**Door Edges**

1-3/4" thick, matching wood stiles and rails, beveled 1/8" in 2"

**Core**

Proprietary; lead, asbestos and formaldehyde free

**Glazing**

1/2 Laminated Glass, Max. 214 sq. in.  See Glass

1. Glass and glazing by others, standard

3. Optional factory installed glazing insures optimal performance

**Door Weight**

7.6 lbs. per sq. ft. including glass

**Sound Seals**

PS-7

**Bottom Seal**

ADB-6 adjustable, flush-mounted bottom seal. NOTE: Do not seal over carpet. Bump type threshold not required.

**Hardware**

Hardware including hinges, threshold and latch-set can be supplied and factory installed upon request

**Frames**

Various designs See Frame Profiles and Frame Elevations

(Frames to be grouted or packed with 12 lb. insulation, by others)

**Finishes**

Doors: Factory stained and lacquered, std. See Wood Finishes

Frames: Gray, EPA Approved Alkyd primer, standard See Finishes

**Fire Rating**

Per UL10C / UBC7-2 Pos. Pressure, up to 3/4 HR See Fire Rated

**Bullet**

See Bullet Resistant

---

**Test Data (Sound Transmission Loss in dB at Frequency / Hertz)**

Indepedently tested in accordance with ASTM E-90 requirements, Test No. RAL-TL91-198

<table>
<thead>
<tr>
<th>STC</th>
<th>OITC</th>
<th>100</th>
<th>125</th>
<th>160</th>
<th>200</th>
<th>250</th>
<th>315</th>
<th>400</th>
<th>500</th>
<th>630</th>
<th>800</th>
<th>1000</th>
<th>1250</th>
<th>1600</th>
<th>2000</th>
<th>2500</th>
<th>3150</th>
<th>4000</th>
<th>5000</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td></td>
<td>27</td>
<td>25</td>
<td>28</td>
<td>33</td>
<td>36</td>
<td>39</td>
<td>42</td>
<td>44</td>
<td>45</td>
<td>46</td>
<td>49</td>
<td>49</td>
<td>48</td>
<td>47</td>
<td>47</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Glass Lites**

Options

Max. 214 sq. in.

1/2" Laminated Glass

---

**Acoustic Core**

**Internal Hinge & Lock Reinforcements to Accommodate Applicable Hardware**

**PS-7**

**12 lb. Insulation or Grout by Others**

**Removable Glass Stops**

**Acoustic Glazing Assembly, Max. 214 sq. in. 1/2" Laminated Glass**

---

**Think Green.** Recycled materials and long life cycle make Audia™ a truly sustainable choice.