AMBICO acoustic steel door and frame assemblies combine outstanding sound transmission loss with the appearance of standard hollow metal products. Our doors are provided complete with acoustic steel frames, perimeter and bottom seals, threshold and astragal pairs that are all tested in accordance with ASTM E-90 and E-413 standards.

All testing of acoustic door and frame assemblies is done by independent laboratories to ensure all products comply with the most up-to-date standards.

Fire labeled products have been tested in accordance with NFPA-80 and are certified by Underwriters Laboratories and Warnock Hersey International. Fire labeled products can be supplied in singles or in pairs.

Lightweight panel engineering combined with level swing seal systems provide outstanding acoustic performance with easy operation; correctly installed openings can comply with ADA (ANSI 117.1).

Acoustic steel doors are 1¾” thick and are available from STC 33 to STC 53. They are also available in greater thicknesses from STC 54 to STC 59. Engineered solutions are available for higher ratings.

Acoustic steel door and frame assemblies have been designed to accept readily available heavy weight builders hardware.

Acoustic steel doors are available with acoustic glazing that is factory pre-installed.

AMBICO offers an unparalleled 5 year warranty.

Stock acoustic steel doors and frames are ready for immediate shipment. AMBICO also offers specific quick ship options for non-stock applications.

Acoustic steel doors and frames can be used for noise reduction in concert halls, machine rooms, testing facilties, office buildings, schools, confidential meeting rooms (SCIF) and interrogation rooms.

LEED & VOC compliant

For details, see performance chart on reverse.
<table>
<thead>
<tr>
<th>STC</th>
<th>FIRE RATING</th>
<th>DOOR THICKNESS</th>
<th>MAXIMUM GLASS AREA</th>
<th>WEIGHT LBS/SQ.FT</th>
<th>HARDWARE</th>
<th>FRAME SEAL</th>
<th>BOTTOM SEAL</th>
<th>THRESHOLD</th>
<th>NOTES</th>
<th>TEST REPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>39-46</td>
<td>45, 90, 180</td>
<td>1.75&quot;</td>
<td>1584 sq.in</td>
<td>7.9</td>
<td>HW BUTT</td>
<td>CYL/ MORT</td>
<td>RN/BULB</td>
<td>SWEEP/ DROP</td>
<td>1, 2, 3, 4, 5</td>
<td>RAL TL96-51</td>
</tr>
<tr>
<td>47-51</td>
<td>45, 90, 180</td>
<td>1.75&quot;</td>
<td>1584 sq.in</td>
<td>9.5</td>
<td>HW BUTT</td>
<td>CYL/ MORT</td>
<td>BRONZE/ BULB</td>
<td>SWEEP/ DROP</td>
<td>1, 2, 3, 4, 5</td>
<td>RAL TL96-42</td>
</tr>
<tr>
<td>52</td>
<td>45, 90, 180</td>
<td>1.75&quot;</td>
<td>300 sq.in</td>
<td>15</td>
<td>HW BUTT</td>
<td>CYL/ MORT</td>
<td>BRONZE/ BULB</td>
<td>SWEEP/ DROP</td>
<td>1, 2, 5</td>
<td>RAL TL96-54</td>
</tr>
<tr>
<td>53</td>
<td>45, 90, 180</td>
<td>1.75&quot;</td>
<td>300 sq.in</td>
<td>15.5</td>
<td>CAM LIFT</td>
<td>CYL/ MORT</td>
<td>BRONZE/ DEL BULB</td>
<td>SWEEP</td>
<td>FLAT</td>
<td>1, 2, 5, 7</td>
</tr>
<tr>
<td>54-55</td>
<td>45, 90, 180</td>
<td>2.75&quot;</td>
<td>CONSULT FACTORY</td>
<td>19.1</td>
<td>CAM LIFT</td>
<td>CYL/ MORT</td>
<td>BRONZE/ TRIPLE RMIN/ BULB</td>
<td>SWEEP</td>
<td>FLAT/ DBL STEP</td>
<td>2, 5</td>
</tr>
<tr>
<td>56</td>
<td>45, 90, 180</td>
<td>2.75&quot;</td>
<td>CONSULT FACTORY</td>
<td>19.1</td>
<td>CAM LIFT</td>
<td>CYL/ MORT</td>
<td>BRONZE/ TRIPLE RMIN/ BULB</td>
<td>SWEEP</td>
<td>FLAT/ DBL STEP</td>
<td>2, 6</td>
</tr>
<tr>
<td>56-59</td>
<td>NF</td>
<td>1.75&quot; + 1&quot; PANEL</td>
<td>CONSULT FACTORY</td>
<td>22.5</td>
<td>CAM LIFT</td>
<td>CYL/ MORT</td>
<td>FOAM RUBBER/ DEL BULB</td>
<td>SWEEP</td>
<td>FLAT</td>
<td>2, 5, 7</td>
</tr>
</tbody>
</table>

1. BUTT HINGES ARE STANDARD. CAM LIFT, CONTINUOUS HINGE AND PIVOT PREP OPTIONS ARE AVAILABLE.
2. CYLINDRICAL, RN, OR MORTISE LOCK/EXIT DEVICE STANDARD. SURFACE VERTICAL ROD, CDX-09 AND LKM7000 OPTIONS ARE AVAILABLE. CONSULT FACTORY.
3. CONCEALED VERTICAL ROD (TOP ROD ONLY) AVAILABLE. CONSULT FACTORY.
4. MAXIMUM GLASS AREA IS 1296 SQ.IN. WHEN FIRE RATED.
5. AVAILABLE IN SINGLES OR PAIRS.
6. AVAILABLE IN SINGLES ONLY.
7. SPECIAL BACKSET OR TRIM SIZE MAY APPLY.

Visit AMBICO.com to see our complete line of products that includes:
- STC Wood Doors & Frames to STC 56
- STC Steel Windows to STC 59