### THERMOBEL TG — TRIPLE GLAZING

#### Planibel, Stratobel, Stratophone, Thermobel

**Performance**

<table>
<thead>
<tr>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
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<th>2000 Hz</th>
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</tr>
</thead>
<tbody>
<tr>
<td>4 - 12</td>
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<td>4</td>
<td>4</td>
<td>18.7</td>
<td>19.0</td>
<td>28.4</td>
<td>47.1</td>
<td>46.7</td>
<td>39.8</td>
<td>33 (2-4)</td>
<td>33</td>
</tr>
<tr>
<td>6 - 12</td>
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<td>6</td>
<td>6</td>
<td>18.5</td>
<td>21.9</td>
<td>32.9</td>
<td>40.3</td>
<td>36.7</td>
<td>48.9</td>
<td>35 (2-6)</td>
<td>35</td>
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<tr>
<td>6 - 15</td>
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<td>15.0</td>
<td>25.2</td>
<td>33.6</td>
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<td>42.2</td>
<td>44.7</td>
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<td>6</td>
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<td>44.0</td>
<td>40.1</td>
<td>52.5</td>
<td>39 (2-5)</td>
<td>39</td>
</tr>
<tr>
<td>10 - 12</td>
<td>4 - 12</td>
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<td>24.0</td>
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<td>41.8</td>
<td>42.9</td>
<td>55.5</td>
<td>40 (2-6)</td>
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### THERMOBEL TG STRATOBEL — TRIPLE GLAZING WITH LAMINATED GLASS

#### Planibel, Stratobel, Stratophone, Thermobel

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<td>41.8</td>
<td>42.9</td>
<td>55.5</td>
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### THERMOBEL TG STRATOPHONE — TRIPLE GLAZING WITH ACOUSTIC LAMINATED GLASS

#### Planibel, Stratobel, Stratophone, Thermobel

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<td>28.3</td>
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<td>42.3</td>
<td>42.1</td>
<td>56.6</td>
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<tr>
<td>8 - 12</td>
<td>6 - 12</td>
<td>44.2</td>
<td>43. (-2;-4)</td>
<td>43</td>
<td>41</td>
<td>39</td>
<td>NPD</td>
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<tr>
<td>10 - 12</td>
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<td>44.2</td>
<td>45 (-1;-3)</td>
<td>45</td>
<td>44</td>
<td>42</td>
<td>1B1 / P2A</td>
<td>45</td>
<td>51</td>
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<tr>
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### GLASS PARTITION

#### Planibel and/or Stratobel Partition

**Performance**

<table>
<thead>
<tr>
<th>125 Hz</th>
<th>250 Hz</th>
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<th>4000 Hz</th>
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<th>Rw+Ct</th>
<th>Total Thickness (mm)</th>
<th>Weight (kg/m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 / 60 mm air / 6</td>
<td>No estimation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>39 (3-4)</td>
<td>39</td>
<td>36</td>
<td>35</td>
<td>EN 12600 / EN 356</td>
<td></td>
</tr>
<tr>
<td>6 / 60 mm air / 44.2</td>
<td>43 (2-4)</td>
<td>43</td>
<td>41</td>
<td>39</td>
<td>NPD</td>
<td>72</td>
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<td>35</td>
<td>48</td>
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<td>NPD</td>
</tr>
<tr>
<td>6 / 60 mm air / 44.2</td>
<td>45 (1-3)</td>
<td>45</td>
<td>44</td>
<td>42</td>
<td>1B1 / P2A</td>
<td>74</td>
<td>36</td>
<td>35</td>
<td>48</td>
<td>45</td>
<td>NPD</td>
</tr>
</tbody>
</table>

**NPD** = No Performance Determined.

(1) These sound reduction values correspond to glazings of 1,23m by 1,48m according to EN ISO 717-1 & EN ISO 10140 which are tested in laboratory conditions. The accuracy of the given indexes is not better than +/- 1dB. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources, etc.

(2) The acoustic insulation of a partition is not only dependant of the glass, but also function of the size and the quality of the frame, the air tightness of the partition, the gap between the 2 glass sheets, the eventual ventilation in this gap and the separation between the 2 glass sheets (no sound transmission inside the structure), ... Therefore, AGC provides only an ESTIMATION for this structure. To know the effective acoustic insulation of the partition, the frame produces has to perform a test.
# PLANIBEL — FLOAT GLASS

## Transmission loss function of sound frequencies

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Weight (kg/m²)</th>
<th>125 Hz</th>
<th>250 Hz</th>
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</tr>
</thead>
<tbody>
<tr>
<td>6 mm</td>
<td>19.5</td>
<td>23.4</td>
<td>29.5</td>
<td>35.5</td>
<td>27.6</td>
<td>31.6</td>
<td>31 (-2;3)</td>
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<td>29</td>
<td>28</td>
<td>NPD</td>
</tr>
<tr>
<td>8 mm</td>
<td>22.1</td>
<td>25.1</td>
<td>32.2</td>
<td>35.6</td>
<td>28.7</td>
<td>35.9</td>
<td>32 (-1;2)</td>
<td>32</td>
<td>32</td>
<td>30</td>
<td>NPD</td>
</tr>
</tbody>
</table>

## Acoustics Indexes

- **C**: Critical Source
- **Ctr**: Critical Receiver

## Norms

- EN 12600 / EN 356

## Total Thickness

- mm

# STRATOBEL — LAMINATED GLASS

## Transmission loss function of sound frequencies

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## Acoustics Indexes

- **C**: Critical Source
- **Ctr**: Critical Receiver

## Norms

- EN 12600 / EN 356

## Total Thickness

- mm

# STRATOPHONE — ACOUSTIC LAMINATED GLASS

## Transmission loss function of sound frequencies

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</tbody>
</table>

## Acoustics Indexes

- **C**: Critical Source
- **Ctr**: Critical Receiver

## Norms

- EN 12600 / EN 356

## Total Thickness

- mm

# THERMOBEL — DOUBLE GLAZING

## Transmission loss function of sound frequencies

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Weight (kg/m²)</th>
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</thead>
<tbody>
<tr>
<td>4 - 16 - 4</td>
<td>20.5</td>
<td>16.8</td>
<td>25.7</td>
<td>36.4</td>
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<td>30 (1-4)</td>
<td>30</td>
<td>29</td>
<td>26</td>
<td>NPD</td>
</tr>
<tr>
<td>6 - 15 - 6</td>
<td>21.5</td>
<td>21.4</td>
<td>31.0</td>
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<td>39.8</td>
<td>39.2</td>
<td>32 (1-3)</td>
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</tr>
</tbody>
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## Acoustics Indexes

- **C**: Critical Source
- **Ctr**: Critical Receiver

## Norms

- EN 12600 / EN 356

## Total Thickness

- mm

# THERMOBEL STRATOBEL — DOUBLE GLAZING WITH LAMINATED GLASS

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## Acoustics Indexes

- **C**: Critical Source
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## Norms

- EN 12600 / EN 356

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# THERMOBEL STRATOPHONE — DOUBLE GLAZING WITH ACOUSTIC LAMINATED GLASS

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## Acoustics Indexes

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## Norms

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