

<b>STC</b>	<b><i>What Can Be Heard</i></b>
<b>25</b>	Normal speech can be understood quite easily and distinctly through a wall
<b>30</b>	Loud speech can be understood fairly well, normal speech heard but not understood
<b>35</b>	Loud speech audible but not intelligible
<b>40</b>	Onset of "Privacy"
<b>42</b>	Loud speech audible as a murmur
<b>45</b>	Loud speech not audible; 90% of statistical population not annoyed
<b>50</b>	Very loud sounds such as musical instruments or a stereo can be faintly heard; 99% of statistical population not annoyed
<b>60+</b>	Superior soundproofing; most sounds inaudible

<b>STC</b>	<b><i>Partition Construction</i></b>
<b>33</b>	Single layer of 1/2" drywall on each side, wood studs, no insulation (typical interior wall)
<b>45</b>	Double layer of 1/2" drywall on each side, wood studs, batt insulation in wall
<b>46</b>	Single layer of 1/2" drywall glued to 6" lightweight concrete block wall, painted on both sides
<b>54</b>	Single layer of 1/2" drywall, glued to 8" dense concrete block wall, painted on both sides
<b>55</b>	Double layer of 1/2" drywall on each side, staggered wood stud wall, batt insulation in wall
<b>59</b>	Double layer of 1/2" drywall on each side, wood stud wall, resilient channels on one side, batt insulation
<b>63</b>	Double layer of 1/2" drywall on each side, on double wood or metal stud walls spaced 1" apart, double batt insulation
<b>72</b>	8" concrete block wall, painted, 1/2" drywall on independent steel stud walls, each side, insulation in cavities