AudioSeal® Sound Barrier

DESCRIPTION
AudioSeal® Sound Barrier is a mass loaded vinyl (mlv) sound barrier used to reduce the amount of airborne sound from transmitting through walls, floors and ceilings. It can be added to various construction assemblies to increase STC (Sound Transmission Loss) of the structure. It is a limp-mass material made of high-temperature fused vinyl and no lead fillers. AudioSeal® Sound Barrier is very dense, weighing one to two pounds per square foot. AudioSeal® is commonly used in new construction and also to correct noise problems in existing spaces.

AudioSeal® Sound Barrier is a non-reinforced version for wall and ceiling installations. AudioSeal® is tear resistant, yet easy to cut with a utility knife. Its available in 48” or 54” widths and various lengths to provide the best utilization for your project.

Usually installed direct to the studs, it may also be installed between layers of drywall. Often, the mass loaded barrier is used in combination with other materials to create a soundproof system. Combining it with layers of sheet rock with Green Glue and resilient clips and channels will improve the sound transmission loss of the complete assembly.

TECHNICAL CHARACTERISTICS

ROLL WIDTHS: 48”, 54”

ROLL LENGTHS: Various up to 60’ (l)

THICKNESS: 1/8” (1 lb. / sq. ft.), 1/4” (2 lb. / sq. ft.)

WEIGHT: 1 lb. / sq. ft. (1/8”), 2 lb. / sq. ft. (1/4”)

FLAMABILITY: SE “O” in./min.

TEMP. RANGE: -40 - 180 deg. F.

STC: 26 (1 lb. / sq. ft.), 31 (2 lb. / sq. ft.)

<table>
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<tr>
<th>WEIGHT</th>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
<th>1000 Hz</th>
<th>2000 Hz</th>
<th>4000 Hz</th>
<th>STC</th>
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<tbody>
<tr>
<td>1 lb/sq ft</td>
<td>16</td>
<td>17</td>
<td>22</td>
<td>27</td>
<td>31</td>
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<tr>
<td>2 lb/sq ft</td>
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<td>22</td>
<td>26</td>
<td>32</td>
<td>35</td>
<td>40</td>
<td>31</td>
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