Selected BioMontage items were tested in an Acoustical Laboratory, as follows:

- Wall Mount: Pole Moss, Long Moss, Reindeer Moss, Poplar Bark, all in BioMontage Frames.
- Room Divider: Reindeer Moss on Single Sided and Double Sided Room Divider.

RESULTS ON OTHER SIDE
## Summary of Results from Biomontage Sound Absorption Tests

<table>
<thead>
<tr>
<th></th>
<th>WALL MOUNT</th>
<th></th>
<th>ROOM DIVIDER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SAA*</td>
<td>NRC**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WALL MOUNT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pole Moss</td>
<td>0,90</td>
<td>0,90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long Moss</td>
<td>0,61</td>
<td>0,65</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reindeer Moss</td>
<td>0,55</td>
<td>0,55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poplar Bark</td>
<td>0,30</td>
<td>0,30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROOM DIVIDER W/REINDEER MOSS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Sided</td>
<td>0,30</td>
<td>0,30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double Sided</td>
<td>0,50</td>
<td>0,50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* SAA is the Sound Absorption Average as defined by ASTM C423-17.
** NRC is the Noise Reduction Coefficient as defined by previous versions of ASTM C423.

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### Chart Depicting Results of Sound Absorption Testing

#### Perfect Sound Absorption Level (Recording Studio)

1. **Pole Moss**  
   - Wall Mount: 0,90  
   - 1-Sided: 0,95  
   - 2-Sided: 0,90  

2. **Long Moss**  
   - Wall Mount: 0,61  
   - 1-Sided: 0,85  
   - 2-Sided: 0,65  

3. **Reindeer Moss**  
   - 1-Sided: 0,55  
   - 2-Sided: 0,55  

4. **Poplar Bark**  
   - Wall Mount: 0,30  
   - 1-Sided: 0,75  
   - 2-Sided: 0,30

#### Mid-level Sound Absorption (Office Environment)

1. **Reindeer Moss**  
   - 1-Sided: 0,55  
   - 2-Sided: 0,55  

2. **Poplar Bark**  
   - 1-Sided: 0,30  
   - 2-Sided: 0,20  

3. **No Sound Absorption**
   - 1-Sided: 0,00  
   - 2-Sided: 0,00

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Full test reports are in the partner download section at [www.asiearthforms.com](http://www.asiearthforms.com)