

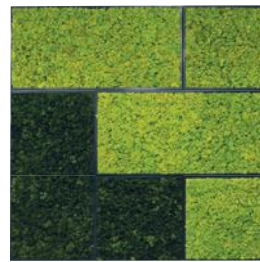
BioMontage

# SOUND ABSORPTION

**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**



WALL MOUNT



ROOM DIVIDER

**SUMMARY OF RESULTS FROM BIOMONTAGE SOUND ABSORPTION TESTS**

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

\* SAA is the Sound Absorption Average as defined by ASTM C423-17.

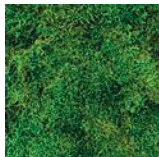
\*\* NRC is the Noise Reduction Coefficient as defined by previous versions of ASTM C423.

**CHART DEPICTING RESULTS OF SOUND ABSORPTION TESTING**

		WALL MOUNT	ROOM DIVIDER	
			1-Sided	2-Sided
<b>PERFECT SOUND ABSORPTION LEVEL (RECORDING STUDIO)</b>		1,00		
		0,95		
		0,90	Pole Moss	
		0,85		
		0,80		
		0,75		
		0,70		
		0,65	Long Moss	
		0,60		
		0,55	Reindeer Moss	
<b>Mid-level Sound Absorption (Office Environment)</b>		0,50		Reindeer Moss
		0,45		
		0,40		
		0,35		
		0,30	Poplar Bark	Reindeer Moss
		0,25		
		0,20		
		0,15		
		0,10		
		0,05		
<b>No Sound Absorption</b>		0,00		



Pole Moss Wall Mount



Long Moss Wall Mount



Reindeer Moss Wall Mount



Reindeer Moss 2-Sided Room Divider



Poplar Bark Wall Mount



Reindeer Moss 1-Sided Room Divider