

# Nordgröna Reindeer Moss Panel 50x50 cm

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:  
14-140-M2  
Date  
2014-11-14

Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.00	
63	0.03	0.0
80	0.05	
100	0.05	
125	0.06	0.1
160	0.09	
200	0.12	
250	0.18	0.2
315	0.22	
400	0.30	
500	0.34	0.4
630	0.43	
800	0.47	
1000	0.44	0.5
1250	0.44	
1600	0.44	
2000	0.46	0.5
2500	0.45	
3150	0.45	
4000	0.48	0.5
5000	0.47	

Client: Nordgröna  
 Manufacturer: Nordgröna  
 Product identification: Reindeer moss panel 50 x 50 cm

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 15.1 °C (empty: 15.6 °C)  
 Air humidity: 59% (empty: 55%)  
 Air pressure: 101.3 kPa (empty: 101.3 kPa)  
 Number of specimens: 8

Description of test specimen: Wall panel 510x510x85 mm, sound absorption area for a single object measured with 8 panels directly on the floor (type A mounting).  
 The graph scaling deviates from ISO 354 to make it more readable as the actual size of each object is very small (0.26 square meter).

Measurement date: 2014-11-13  
 Measured by: Johan Jernstedt

