

PEAK 60 tak/väggabsorbent, ECOPLY, 6 paneler

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

14-32-M6

Date

2014-04-01

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.14	0.1
80	0.12	
100	0.68	
125	0.55	0.7
160	0.74	
200	0.77	
250	1.19	1.2
315	1.49	
400	1.64	
500	1.85	1.9
630	2.31	
800	2.35	
1000	2.57	2.5
1250	2.59	
1600	2.64	
2000	2.47	2.5
2500	2.26	
3150	2.18	
4000	2.31	2.2
5000	2.23	

Client: Morgana AB
Manufacturer: Morgana AB
Product identification: PEAK 60 tak/väggabsorbent, ECOPLY

Description of test specimen: 1 grupp om 3x2 paneler. Varje panel är 60x60 cm.
1 grupp mättes 3 gånger.
Typ A montering.

Reverberation room volume: 200 m³
Temperature: 13 °C (empty: 18 °C)
Air humidity: 57 % (empty: 45 %)
Air pressure: 99.8 kPa (empty: 99.8 kPa)
Number of specimens: 1

Measurement date: 2014-03-19
Measured by: Magnus Karlsson

