

Cross golvskärm, ECOLIN

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

14-32-M8

Date

2014-04-01

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.17	0.1
80	0.18	
100	0.64	
125	0.85	0.7
160	0.65	
200	1.23	
250	1.54	1.5
315	1.77	
400	1.99	
500	2.08	2.2
630	2.48	
800	2.69	
1000	2.52	2.6
1250	2.63	
1600	2.66	
2000	2.70	2.7
2500	2.59	
3150	2.68	
4000	2.75	2.8
5000	2.89	

Client: Morgana AB
Manufacturer: Morgana AB
Product identification: Cross golvskärm, ECOLIN

Description of test specimen: Storlek provobjekt: 80x180 cm.
Typ A montering

Reverberation room volume: 200 m³
Temperature: 14 °C (empty: 18 °C)
Air humidity: 56 % (empty: 45 %)
Air pressure: 99.8 kPa (empty: 99.8 kPa)
Number of specimens: 2

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

