

Bond stol

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

14-41-M16

Date

2014-06-04

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.02	
63	0.02	0.0
80	0.05	
100	0.08	
125	0.07	0.1
160	0.16	
200	0.22	
250	0.32	0.3
315	0.33	
400	0.41	
500	0.50	0.5
630	0.58	
800	0.61	
1000	0.61	0.6
1250	0.69	
1600	0.71	
2000	0.75	0.8
2500	0.81	
3150	0.86	
4000	0.92	0.9
5000	0.99	

Client: Offect

Manufacturer: Offect

Product identification: Bond stol

Description of test specimen: Bond stolar placerade på golvet. Ljudabsorptionsarea per objekt.

Reverberation room volume: 200 m³

Temperature: 13.7 °C (empty: 13.6 °C)

Air humidity: 74.5% (empty: 74.6%)

Air pressure: 101.3 kPa (empty: 101.3 kPa)

Number of specimens: 6

Measurement date: 2013-06-17

Measured by: Pontus Thorsson

