

LINTEX

Acoustic Test results
ISO 354

Edge Floor Screen

Lintex Floor standing screen 1200x1650

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:
13-120-M11
Date
2013-10-29

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.25	
63	0.34	0.3
80	0.41	
100	0.51	
125	0.50	0.6
160	0.76	
200	1.15	
250	1.29	1.3
315	1.55	
400	1.77	
500	2.14	2.1
630	2.32	
800	2.44	
1000	2.54	2.6
1250	2.67	
1600	2.80	
2000	2.81	2.8
2500	2.84	
3150	2.92	
4000	2.94	3.0
5000	3.17	

Client: Lintex
Manufacturer: Lintex
Product identification: Floor standing screen
Description of test specimen: 1200 x 1650 mm, thickness 40 mm, screens standing on the floor of the reverberation room.

Reverberation room volume: 200m³
Temperature: 15°C (empty: 15°C)
Air humidity: 67% (empty: 64%)
Air pressure: 100.3kPa (empty: 100.3kPa)
Number of specimens: 3
Measurement date: 2013-10-07
Measured by: Carl Nyqvist

