

## Zilenzio Focus screen 2970x320

SOUND ABSORPTION COEFFICIENT PER ASTM C423-17

Measurement of sound absorption coefficient by the reverberation room method

Report number:  
20-703-M4  
Date  
2020-01-09

Frequency $f$ [Hz]	Sound absorption coefficient $\alpha$
50	0.01
63	0.05
80	0.10
100	0.06
125	0.14
160	0.18
200	0.26
250	0.40
315	0.42
400	0.42
500	0.40
630	0.37
800	0.42
1000	0.43
1250	0.43
1600	0.47
2000	0.46
2500	0.53
3150	0.50
4000	0.54
5000	0.59

Description of test specimen:  
Focus screen 2970x320x10.  
Evaluation based on measurement for 3 screens spread out on the floor.  
Original measurement report 15-246-M2.

Client: Zilenzio  
Manufacturer: Zilenzio

Reverberation room volume: 200 m<sup>3</sup>

Temperature: 14.6 °C (empty: 15.3 °C)

Air humidity: 47 % (empty: 45 %)

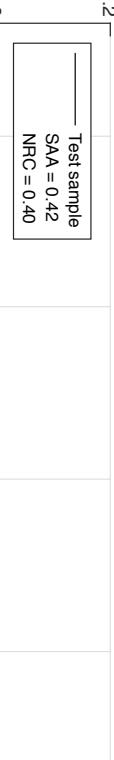
Air pressure: 99.0 kPa (empty: 99.0 kPa)

Size of specimen: 5.7 m<sup>2</sup>

Area weight: n.a. kg/m<sup>2</sup>

Measurement date: 2015-12-14

Measured by: Carl Nyqvist



Sound Absorption Average (SAA): 0.42

Noise Reduction Coefficient (NRC): 0.40