

Hertz floor 120 x 160

SOUND ABSORPTION AREA - CALCULATED FROM MEASUREMENTS

Calculated sound absorption area from ISO 354:2003 reverberation room measurements, evaluated according to ISO 20189:2018



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21-738-M28
Date
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Accred. nr. 0445
Proving:
ISO/IEC 17025

Frequency f [Hz]	Sound absorption area per object [m ² Sabine]	Client:	Decibel by Johansson
50	0.55	Manufacturer:	Decibel by Johansson
63	0.54	Product identification:	Hertz floor 120 x 160
80	0.44	Description of test specimen:	Hertz floor screen is made of a wooden frame with sound absorbing filling covered with fabric resulting in a total thickness of 45 mm.
100	0.29		Tested standing on the floor.
125	0.94		
160	1.15		
200	1.41		
250	1.59		
315	1.85		
400	2.09		
500	2.48		
630	3.15		
800	3.36		
1000	3.51		
1250	3.48		
1600	3.41		
2000	3.34		
2500	3.55		
3150	3.53		
4000	3.63		
5000	3.76		

$$\bar{N}_{10} = 3.8$$

