

MUTE+ frame S40

Absorber

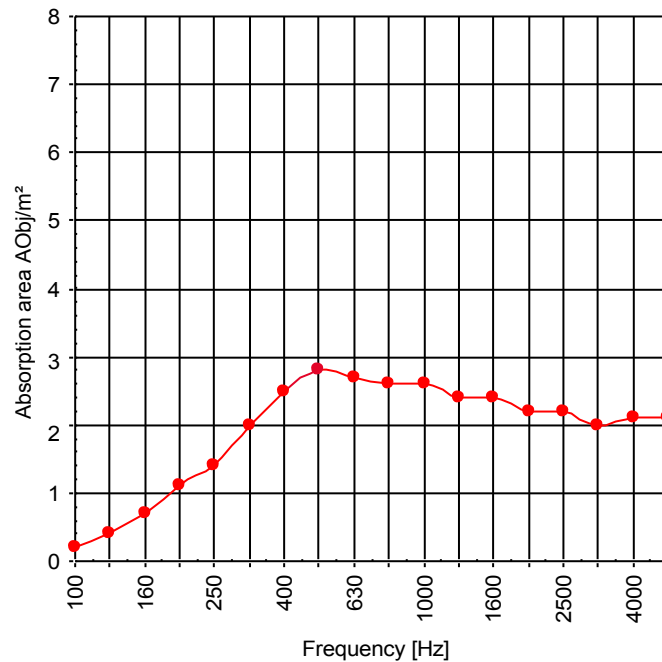
Ceiling sails freely distributed in the room measured according to DIN EN ISO 354, section 6.2.2 evaluated according to DIN EN ISO 11654

General data

Test report number:	H220713J1/2a_rev00
Type:	MUTE+ frame S40
Test object:	3 pieces á 2000 x 1000 m= 6m ²
Execution:	Wall absorber
Total body height:	48 mm
Absorber height:	40 mm

Sound curve

Frequency [Hz]	Aobj [m ²]
100	0,2
125	0,4
160	0,7
200	1,1
250	1,4
315	2,0
400	2,5
500	2,8
630	2,7
800	2,6
1000	2,6
1250	2,4
1600	2,4
2000	2,2
2500	2,2
3150	2,0
4000	2,1
5000	2,1



Performance data

Assessment according to ISO 11654:

Weighted sound absorption coefficient $\alpha_w = 1.00$

Sound absorption class: A

Assessment according to ASTM C 423:

Noise Reduction Coefficient NRC = 1.10

Sound Absorption Average SAA = 1.12

The calculation of α_w , NRC and SAA can only be carried out by analogy and therefore only represents an orientation value. The specified acoustic values only apply in conjunction with the measured absorber size.

Aobj. = equivalent sound absorption area per absorber