

Akustikduk 450

Object description

Akustikduk 450, mounted in front of a 200 mm cavity with enclosed periphery

Measurement method

The measurements were performed according to DS/EN ISO 354, and the weighted sound absorption coefficient as well as the sound absorption class are determined according to DS/EN ISO 11654

Commenting on the measurement

The sound absorption coefficient deviates considerably (higher sound absorption) from the standard curve at mid- and high frequencies, which is indicated by (MH) in the sound absorption class

Weighted sound abs. coefficient: $\alpha_w = 0,85$ **Sound absorption class:** B

Frekv. [Hz]	Absorptionskoefficient		
	1/3-okt.	1/1-okt.	Ref.-kurve
100	0,17	0,30	0,65
125	0,21		
160	0,50		
200	0,56	0,70	
250	0,67		
315	0,85		
400	0,91	0,95	0,85
500	0,95		
630	0,93		
800	0,78	0,75	0,85
1000	0,66		
1250	0,84		
1600	0,83	0,85	0,85
2000	0,80		
2500	0,85		
3150	0,90	0,90	0,75
4000	0,91		
5000	0,92		

