

3.5.5 Sound absorption

Measurement of the sound absorption coefficient according to EN ISO 354 and EN ISO 11654. Thickness of the product 100 mm.

Sound absorption coefficient α_s and practice sound absorption coefficient α_p :

frequency	α_s [-]	α_p [-]
125 Hz	0,40	0,35
250 Hz	0,65	0,60
500 Hz	0,82	0,80
1000 Hz	0,81	0,85
2000 Hz	0,89	0,90
4000 Hz	1,03	1,00

Weighted sound absorption coefficient $\alpha_w = 0,85$ (H). Class sound absorption B.