Sound absorption coefficient according to UNE-EN ISO 354, UNE-EN ISO 11654, ASTM C 423

Determination of sound absorption coefficients

Manufacturer : Skum Acoustics SL
Brand : Skum Acoustics

Product ref. : JJM130
Date : 11.02.2019

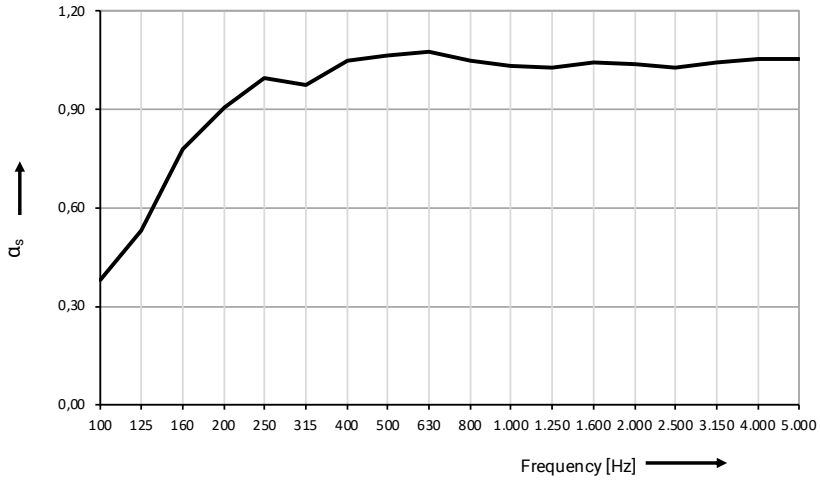
Description of the acoustic element :

Material : -
Thickness [mm] : 130
Notes : -

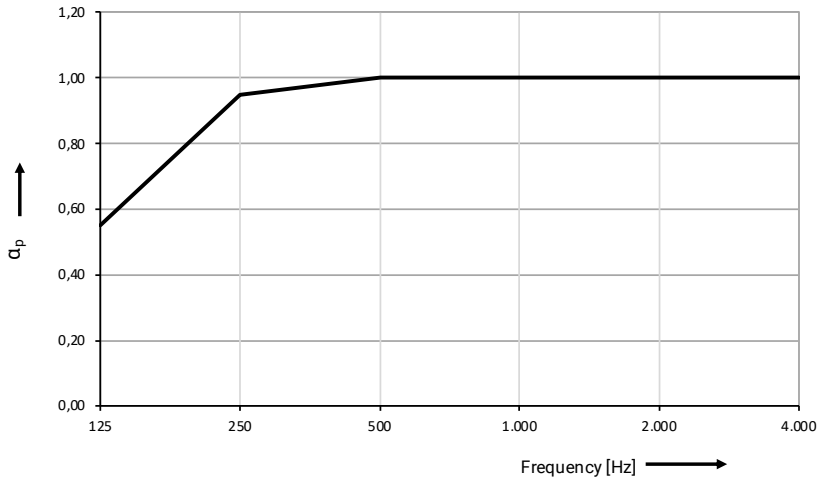
Format [mm] : -
Color : -

Evaluation : Reverberation time
Other values obtained by engineering method

Frequency [Hz]	Absorption coeff. α_s	Equiv. Area A
100	0,38	3,91
125	0,53	5,45
160	0,78	8,02
200	0,91	9,30
250	1,00	10,23
315	0,98	10,02
400	1,05	10,79
500	1,07	10,95
630	1,08	11,05
800	1,05	10,79
1.000	1,03	10,59
1.250	1,03	10,54
1.600	1,04	10,69
2.000	1,04	10,64
2.500	1,03	10,54
3.150	1,04	10,69
4.000	1,06	10,85
5.000	1,06	10,85



NRC	**1,05**
SAA	**1,02**
α_w	**1,00**
Sound Absorption Class accord. to UNE-EN ISO 11654	**A**
Surface [m^2]	10,28
Installation method	E000
Density [kg/m^3] accord. to ISO 845	-
Fire behaviour accord. to UNE 53127	-
Fire behaviour accord. to EN ISO 13501	-



Practical Sound absorption coefficient α_p according to UNE-EN ISO 11654

Freq. [Hz]	125	250	500	1.000	2.000	4.000
α_p	0,55	0,95	1,00	1,00	1,00	1,00

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