

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

On behalf of: EGETÆPPER A/S, INDUSTRIVEJ NORD 25, DK-7400 HERNING

Object:

Lush CF-Black

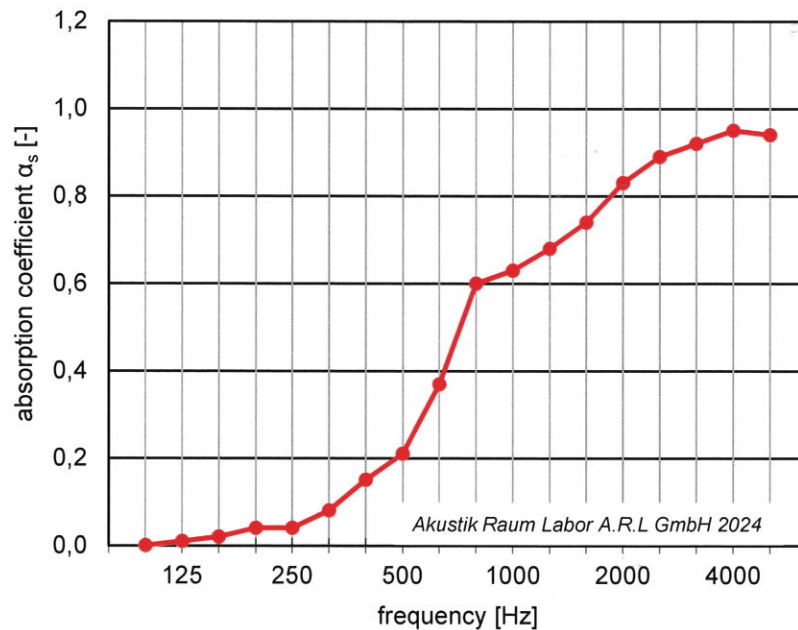
Assembly:

Bale: 357049960108471413
Item: 0938150
Batchno.: T121803-0044
Dim.: 4000/3000mm



Sound absorption coefficient α_s according to DIN EN ISO 354

Frequency [Hz]	α_s [-]
100	0,00
125	0,01
160	0,02
200	0,04
250	0,04
315	0,08
400	0,15
500	0,21
630	0,37
800	0,60
1000	0,63
1250	0,68
1600	0,74
2000	0,83
2500	0,89
3150	0,92
4000	0,95
5000	0,94



Practical Sound absorption coefficient α_p according to DIN EN ISO 11654

Frequency [Hz]	α_p [-]
125	0,00
250	0,05
500	0,25
1000	0,65
2000	0,80
4000	0,95

Parameters after ASTM 423		
NRC	=	0,45
SAA	=	0,44
Parameters after DIN EN ISO 11654		
α_w	=	0,30
Sound Absorption Class		D

Rev. chamber: A.R.L. GmbH
Date: 12.10.2024
Volume: 205 m³
Specimen size: 12 m²
Temperature: 18,8 °C
Humidity: 51,82 %

Akustik Raum Labor

Report-No.: ARL202410120
Test-No.: M02

Waechtersbach,
20.12.2024

Signature:

Akustik Raum Labor A.R.L. GmbH
Industriestr. 38
63607 Wächtersbach

☎ + 49 (0) 6053 62067 0
☎ + 49 (0) 6053 62067 26
✉ info@akustik-raum-labor.de