

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:

Noble CF

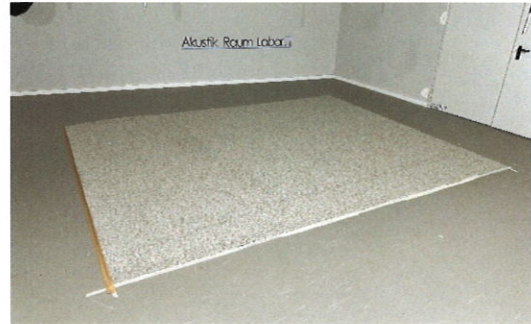
Assembly:

Bale: 357049960108309242

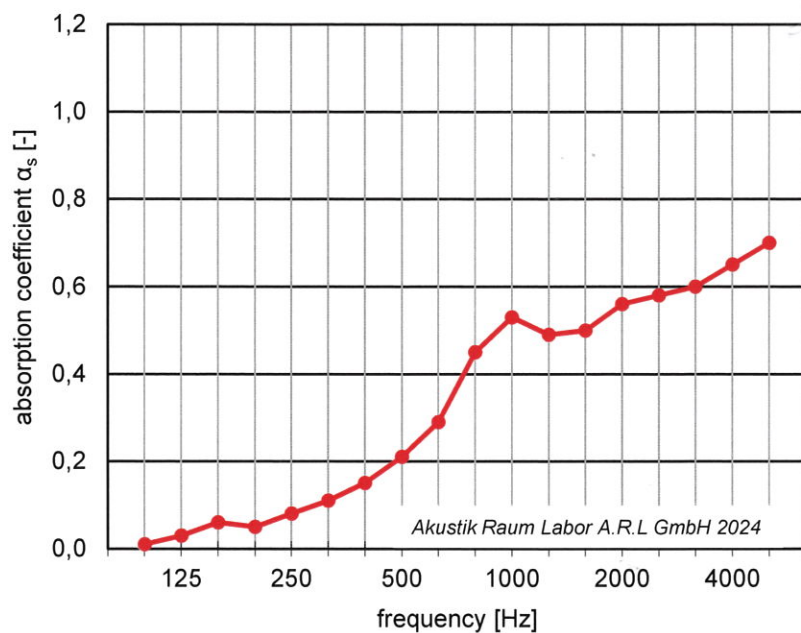
Item: 0939765

Batchno.: T421597-0006

Dim.: 4000/3000mm

**Sound absorption coefficient α_s according to DIN EN ISO 354**

Frequency [Hz]	α_s [-]
100	0,01
125	0,03
160	0,06
200	0,05
250	0,08
315	0,11
400	0,15
500	0,21
630	0,29
800	0,45
1000	0,53
1250	0,49
1600	0,50
2000	0,56
2500	0,58
3150	0,60
4000	0,65
5000	0,70

**Practical Sound absorption coefficient α_p according to DIN EN ISO 11654**

Frequency [Hz]	α_p [-]
125	0,05
250	0,10
500	0,20
1000	0,50
2000	0,55
4000	0,65

Parameters after ASTM 423		
NRC	=	0,35
SAA	=	0,33
Parameters after DIN EN ISO 11654		
α_w	=	0,30
Sound Absorption Class D		

Rev. chamber: A.R.L. GmbH
 Date: 14.10.2024
 Volume: 205 m³
 Specimen size: 12 m²
 Temperature: 18,9 °C
 Humidity: 55,41 %

Akustik Raum Labor

Wächtersbach,
20.12.2024

Signature:

Report-No.: ARL202410120
Test-No.: M026

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