

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:

Graphic 80/20 1500 LF

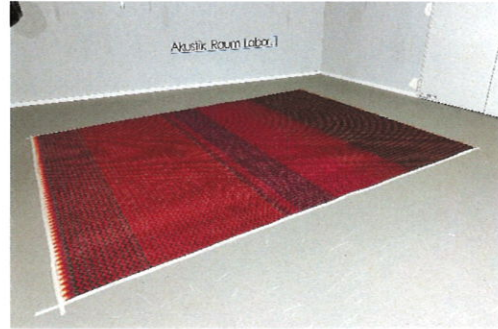
Assembly:

Bale:

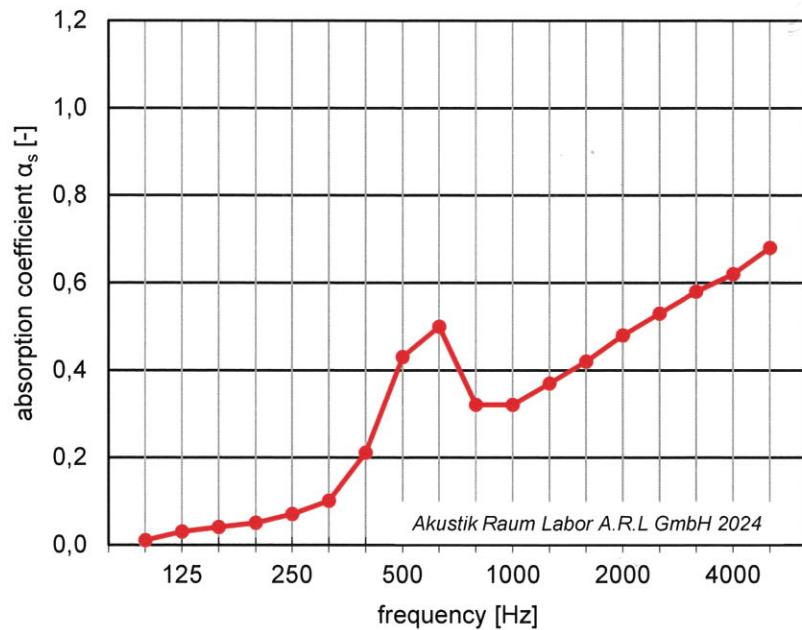
Item: 188001500400

Batchno.: 1009758-00-01

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	0,04
200	0,05
250	0,07
315	0,10
400	0,21
500	0,43
630	0,50
800	0,32
1000	0,32
1250	0,37
1600	0,42
2000	0,48
2500	0,53
3150	0,58
4000	0,62
5000	0,68

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

Frequency [Hz]	α_p [-]
125	0,05
250	0,05
500	0,40
1000	0,35
2000	0,50
4000	0,65

Parameters after ASTM 423		
NRC	=	0,35
SAA	=	0,32
Parameters after DIN EN ISO 11654		
α_w	=	0,35
Sound Absorption Class D		

Rev. chamber: A.R.L. GmbH
 Date: 14.10.2024
 Volume: 205 m³
 Specimen size: 12 m²
 Temperature: 19,1 °C
 Humidity: 54,15 %

Akustik Raum Labor

Report-No.: ARL202410120
 Test-No.: M022

Waechtersbach,
 19.12.2024

Signature:

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