

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:

Colortec 80/20 1300 LF

Assembly:

Bale: 357049960108471604

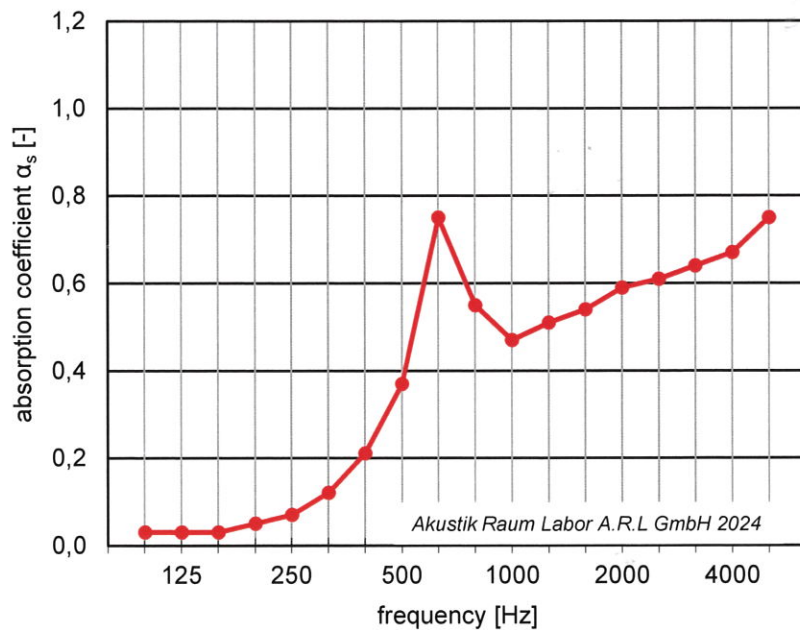
Item: 189001300

Batchno.: -

Dim.: 4000/3000mm

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

Frequency [Hz]	α_s [-]
100	0,03
125	0,03
160	0,03
200	0,05
250	0,07
315	0,12
400	0,21
500	0,37
630	0,75
800	0,55
1000	0,47
1250	0,51
1600	0,54
2000	0,59
2500	0,61
3150	0,64
4000	0,67
5000	0,75

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

Frequency [Hz]	α_p [-]
125	0,05
250	0,10
500	0,45
1000	0,50
2000	0,60
4000	0,70

Parameters after ASTM 423

NRC = 0,40
SAA = 0,40

Parameters after DIN EN ISO 11654

α_w = 0,40
Sound Absorption Class D

Rev. chamber: A.R.L. GmbH
Date: 12.10.2024
Volume: 205 m³
Specimen size: 12 m²
Temperature: 18,9 °C
Humidity: 55,48 %

Akustik Raum Labor

Report-No.: ARL202410120
Test-No.: M014

Waechtersbach,
20.12.2024

Signature:

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