

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 1500 LF

Assembly:

Bale: 357049960108471550

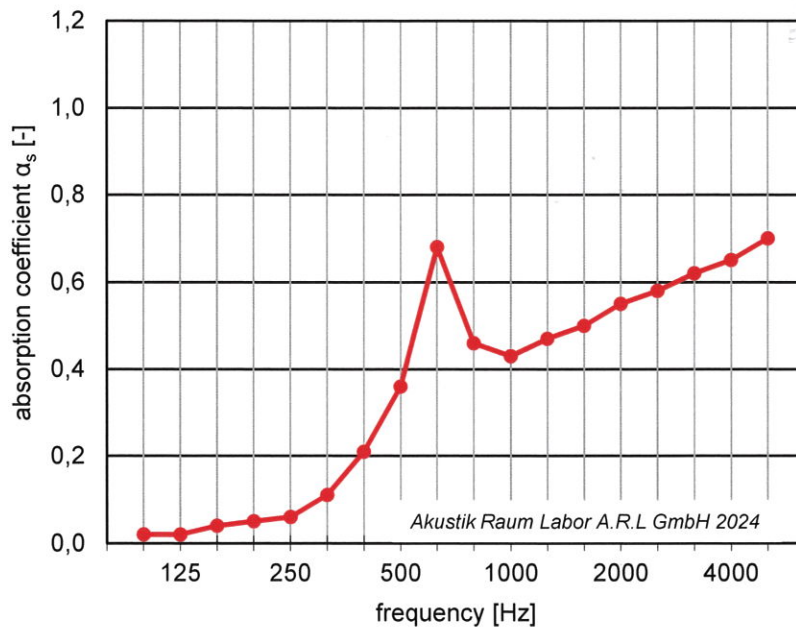
Item: 189001500400

Batchno.: 1009889-00-01

Dim.: 4000/3000mm

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

Frequency [Hz]	α_s [-]
100	0,02
125	0,02
160	0,04
200	0,05
250	0,06
315	0,11
400	0,21
500	0,36
630	0,68
800	0,46
1000	0,43
1250	0,47
1600	0,50
2000	0,55
2500	0,58
3150	0,62
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	0,05
500	0,40
1000	0,45
2000	0,55
4000	0,65

Parameters after ASTM 423		
NRC	=	0,35
SAA	=	0,37
Parameters after DIN EN ISO 11654		
α_w	=	0,35
Sound Absorption Class D		

Rev. chamber:	A.R.L. GmbH
Date:	12.10.2024
Volume:	205 m ³
Specimen size:	12 m ²
Temperature:	18,7 °C
Humidity:	51,69 %

Akustik Raum Labor

Waechtersbach,
19.12.2024

Signature:

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