

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 1800 LF

Assembly:

Bale: 357049960108471611

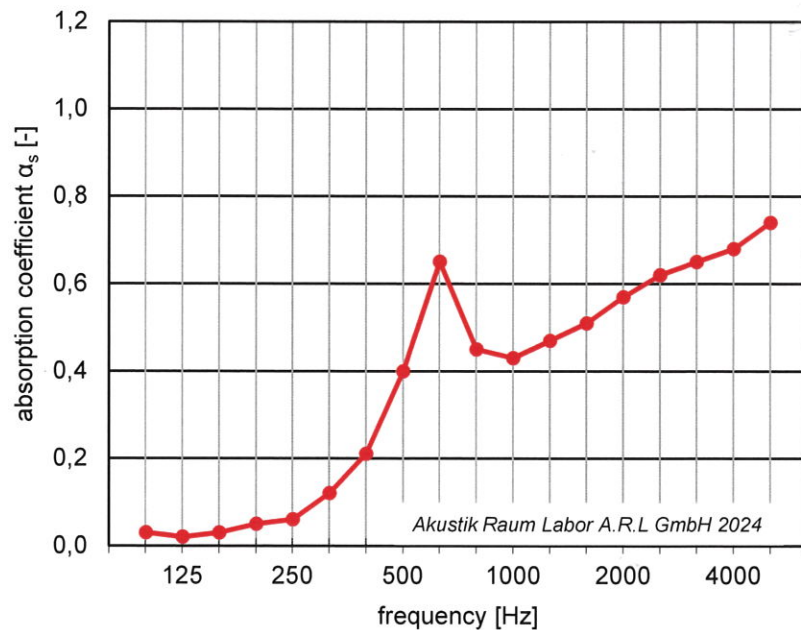
Item: 189001800

Batchno.: -

Dim.: 4000/3000mm

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

Frequency [Hz]	α_s [-]
100	0,03
125	0,02
160	0,03
200	0,05
250	0,06
315	0,12
400	0,21
500	0,40
630	0,65
800	0,45
1000	0,43
1250	0,47
1600	0,51
2000	0,57
2500	0,62
3150	0,65
4000	0,68
5000	0,74

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

Frequency [Hz]	α_p [-]
125	0,05
250	0,10
500	0,40
1000	0,45
2000	0,55
4000	0,70

Parameters after ASTM 423		
NRC	=	0,35
SAA	=	0,38
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: 55,62 %

Akustik Raum Labor

Waechtersbach,
20.12.2024

Signature:

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