

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:

Tuft 440 WT

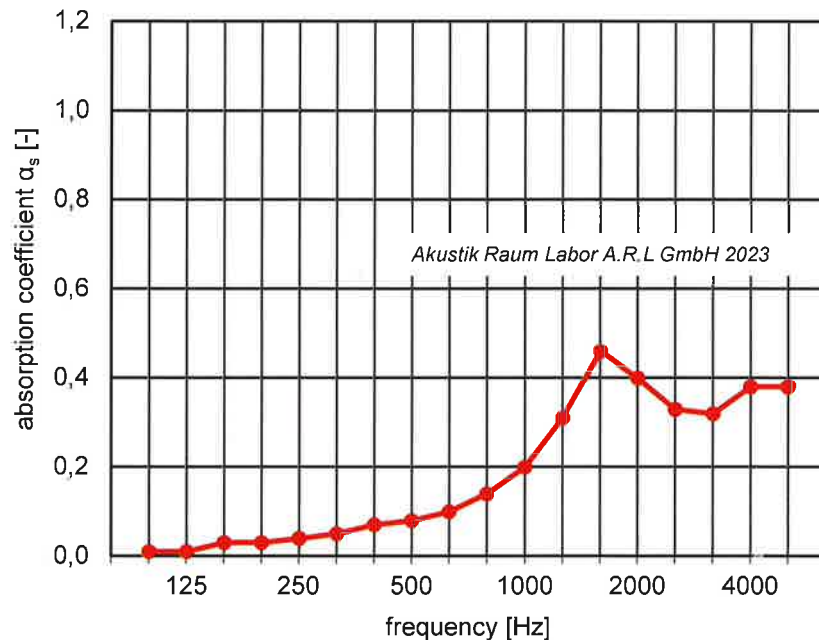
Assembly:

Item: 0800530
Batchno.: H052276002
Dyelot: 24806
Dim.: 3000/4000/4,20 mm



Sound absorption coefficient α_s according to DIN EN ISO 354

Frequency [Hz]	α_s [-]
100	0,01
125	0,01
160	0,03
200	0,03
250	0,04
315	0,05
400	0,07
500	0,08
630	0,10
800	0,14
1000	0,20
1250	0,31
1600	0,46
2000	0,40
2500	0,33
3150	0,32
4000	0,38
5000	0,38



Practical Sound absorption coefficient

α_p according to
DIN EN ISO 11654

Frequency [Hz]	α_p [-]
125	0,00
250	0,05
500	0,10
1000	0,20
2000	0,40
4000	0,35

Parameters after ASTM 423		
NRC	=	0,20
SAA	=	0,18
Parameters after DIN EN ISO 11654		
α_w	=	0,20
Sound Absorption Class E		

Rev. chamber: ARL
Date: 07.03.2023
Volume: 205 m³
Specimen size: 12 m²
Temperature: 16,3 °C
Humidity: 38,73 %

Akustik Raum Labor

Waechtersbach,
22.03.2023

Signature:

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