

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:

Highline Carré Ecoline WT

Assembly:

Item: 14197

Batchno.: TH20790-0001

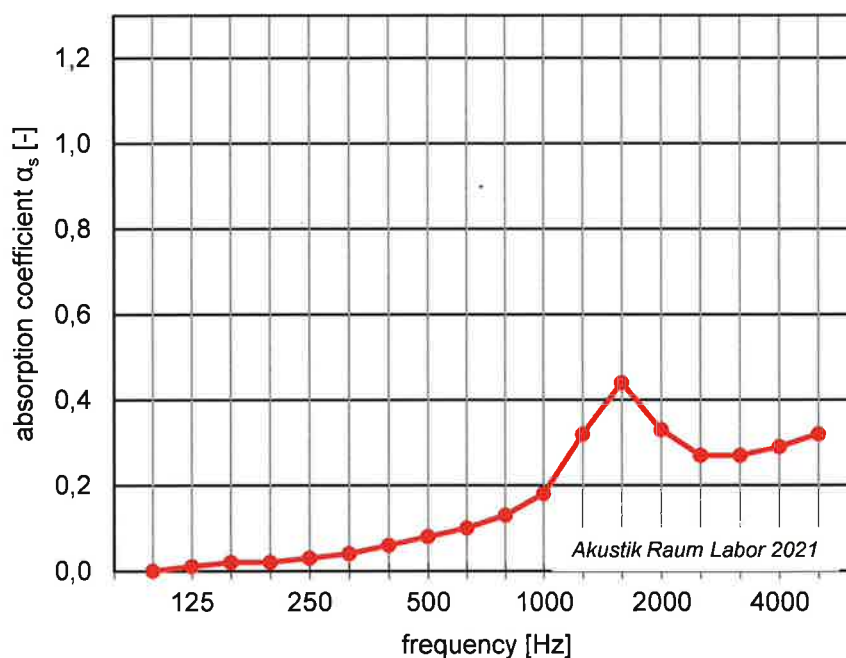
Dyelot: 135146

Dim.: 4.000/3.000/4,7 mm



Sound absorption coefficient α_s
according to DIN EN ISO 354

Frequency [Hz]	α_s [-]
100	0,00
125	0,01
160	0,02
200	0,02
250	0,03
315	0,04
400	0,06
500	0,08
630	0,10
800	0,13
1000	0,18
1250	0,32
1600	0,44
2000	0,33
2500	0,27
3150	0,27
4000	0,29
5000	0,32



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	0,35
4000	0,30

Parameters after ASTM 423

NRC = 0,15
SAA = 0,17

Parameters after DIN EN ISO 11654

α_w = 0,20
Sound Absorption Class E

Rev. chamber: ARL
Date: 28.05.2021
Volume: 205 m³
Specimen size: 12 m²
Temperature: 18,5 °C
Humidity: 55 %

Akustik Raum Labor

Waechtersbach,
28.05.2021

Signature:

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