

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 630, ECT350

Assembly:Item: 1501548 (FACTOR 0,625<0,7 u. 9,22m² < 10m²)

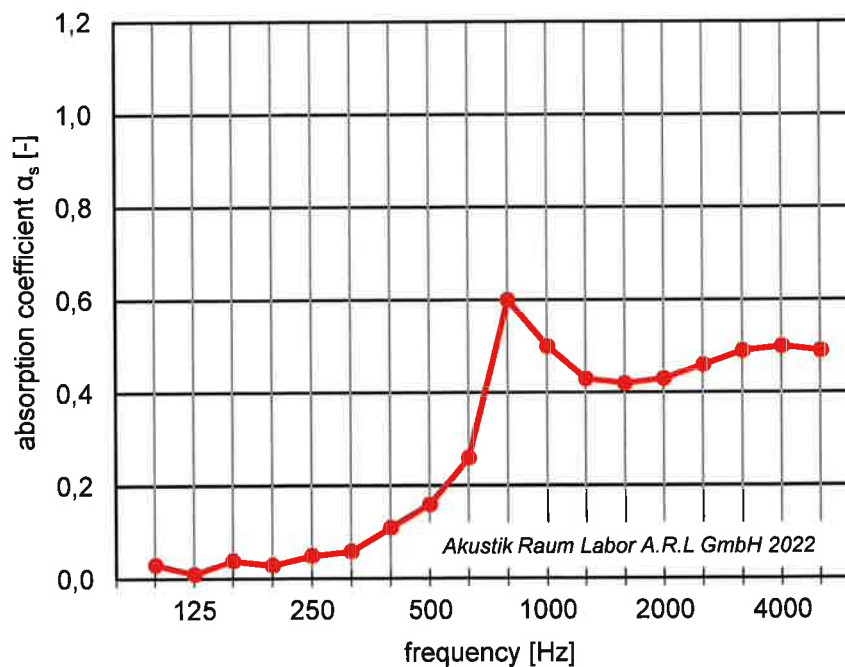
Batchno.: H006054002

Dyelot: 3046

Dim.: 3840/2400/7,7 mm

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

Frequency [Hz]	α_s [-]
100	0,03
125	0,01
160	0,04
200	0,03
250	0,05
315	0,06
400	0,11
500	0,16
630	0,26
800	0,60
1000	0,50
1250	0,43
1600	0,42
2000	0,43
2500	0,46
3150	0,49
4000	0,50
5000	0,49



The test was not performed according to ISO 354. The test was carried out on a smaller scale based on the ISO 354 method. The measured values can deviate when carried out according to ISO 354.

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

Frequency [Hz]	α_p [-]
125	0,05
250	0,05
500	0,20
1000	0,50
2000	0,45
4000	0,50

Parameters after ASTM 423

NRC = 0,30
SAA = 0,29

Parameters after DIN EN ISO 11654

α_w = 0,25
Sound Absorption Class E

Rev. chamber: ARL
Date: 01.07.2022
Volume: 205 m³
Specimen size: 9 m²
Temperature: 25 °C
Humidity: 52,47 %

Akustik Raum Labor

Report-No.: ARL202205311
Test-No.: M014

Waechtersbach,
19.01.2023

Signature:

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