

**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 750, ECT350

**Assembly:**Item: 1502848 (8,29m<sup>2</sup> < 10m<sup>2</sup>)

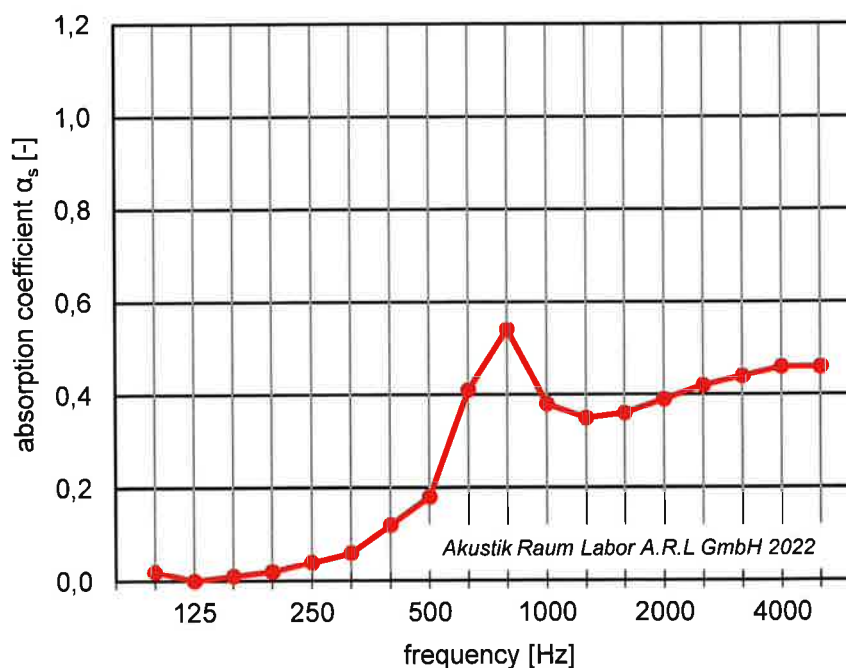
Batchno.: H035831005

Dyelot: 17537

Dim.: 3840/2400/8,1 mm

**Sound absorption coefficient  $\alpha_s$  according to DIN EN ISO 354**

Frequency [Hz]	$\alpha_s$ [-]
100	0,02
125	0,00
160	0,01
200	0,02
250	0,04
315	0,06
400	0,12
500	0,18
630	0,41
800	0,54
1000	0,38
1250	0,35
1600	0,36
2000	0,39
2500	0,42
3150	0,44
4000	0,46
5000	0,46



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** $\alpha_p$  according to

DIN EN ISO 11654

Frequency [Hz]	$\alpha_p$ [-]
125	0,00
250	0,05
500	0,25
1000	0,40
2000	0,40
4000	0,45

**Parameters after ASTM 423**

NRC = 0,25  
SAA = 0,27

**Parameters after DIN EN ISO 11654**

$\alpha_w$  = 0,30  
Sound Absorption Class D

Rev. chamber: ARL  
Date: 01.07.2022  
Volume: 205 m<sup>3</sup>  
Specimen size: 8 m<sup>2</sup>  
Temperature: 25 °C  
Humidity: 52,53 %

Akustik Raum Labor

Waechtersbach,  
19.01.2023

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Test-No.: M015