

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 910 AB

Assembly:

Item: 14032

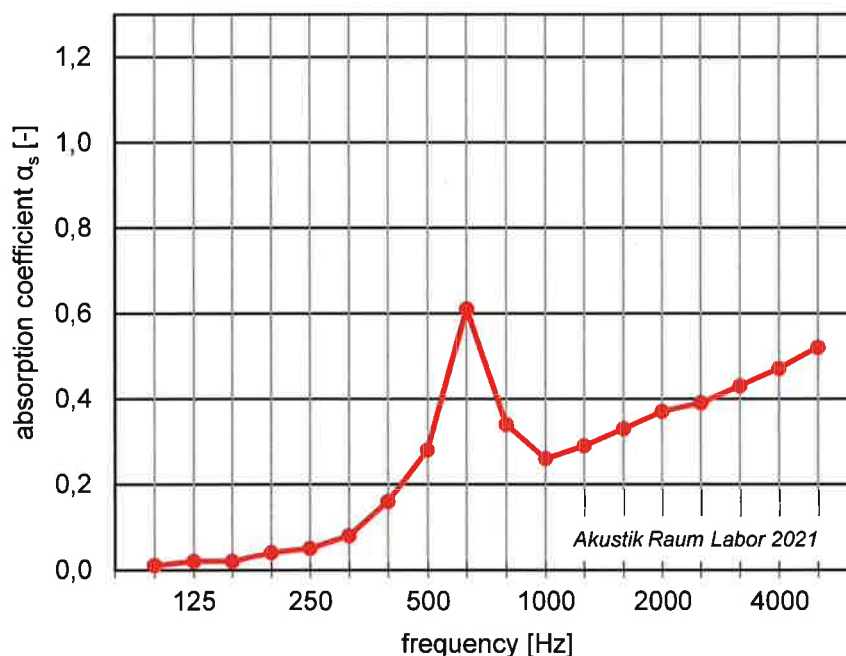
Batchno.: Th00506-0089

Dyelot: 2531

Dim.: 4.000/3.000/9,5 mm

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

Frequency [Hz]	α_s [-]
100	0,01
125	0,02
160	0,02
200	0,04
250	0,05
315	0,08
400	0,16
500	0,28
630	0,61
800	0,34
1000	0,26
1250	0,29
1600	0,33
2000	0,37
2500	0,39
3150	0,43
4000	0,47
5000	0,52

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

Frequency [Hz]	α_p [-]
125	0,00
250	0,05
500	0,35
1000	0,30
2000	0,35
4000	0,45

Parameters after ASTM 423

NRC = 0,25
SAA = 0,27

Parameters after DIN EN ISO 11654

α_w = 0,30
Sound Absorption Class D

Rev. chamber: ARL
Date: 19.05.2021
Volume: 205 m³
Specimen size: 12 m²
Temperature: 19,1 °C
Humidity: 49 %

Akustik Raum Labor

Report-No.: ARL202105180
Test-No.: M1018

Waechtersbach,
19.05.2021

Signature:

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