

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 AB

Assembly:

Item: 14028

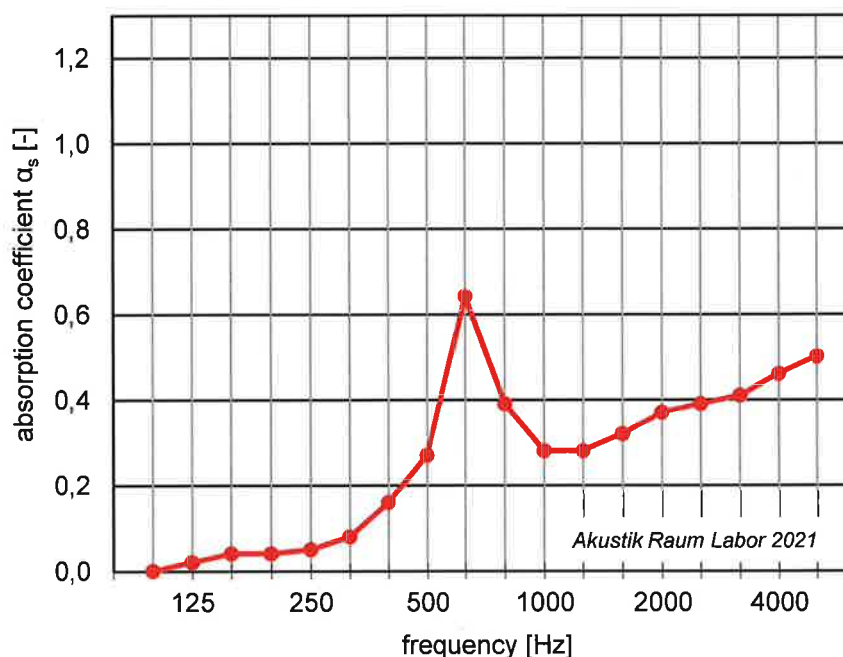
Batchno.: TH00936-0153

Dyelot: 4548

Dim.: 4.000/3.000/8,4 mm

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

| Frequency [Hz] | α_s [-] |
|-------------------|-------------------|
| 100 | 0,00 |
| 125 | 0,02 |
| 160 | 0,04 |
| 200 | 0,04 |
| 250 | 0,05 |
| 315 | 0,08 |
| 400 | 0,16 |
| 500 | 0,27 |
| 630 | 0,64 |
| 800 | 0,39 |
| 1000 | 0,28 |
| 1250 | 0,28 |
| 1600 | 0,32 |
| 2000 | 0,37 |
| 2500 | 0,39 |
| 3150 | 0,41 |
| 4000 | 0,46 |
| 5000 | 0,50 |

**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: 20.05.2021
Volume: 205 m³
Specimen size: 12 m²
Temperature: 19 °C
Humidity: 51 %

Akustik Raum Labor

Waechtersbach,
20.05.2021

Signature:

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Report-No.: ARL202105180

Test-No.: M1024