

**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 WT

**Assembly:**

Item: 14028

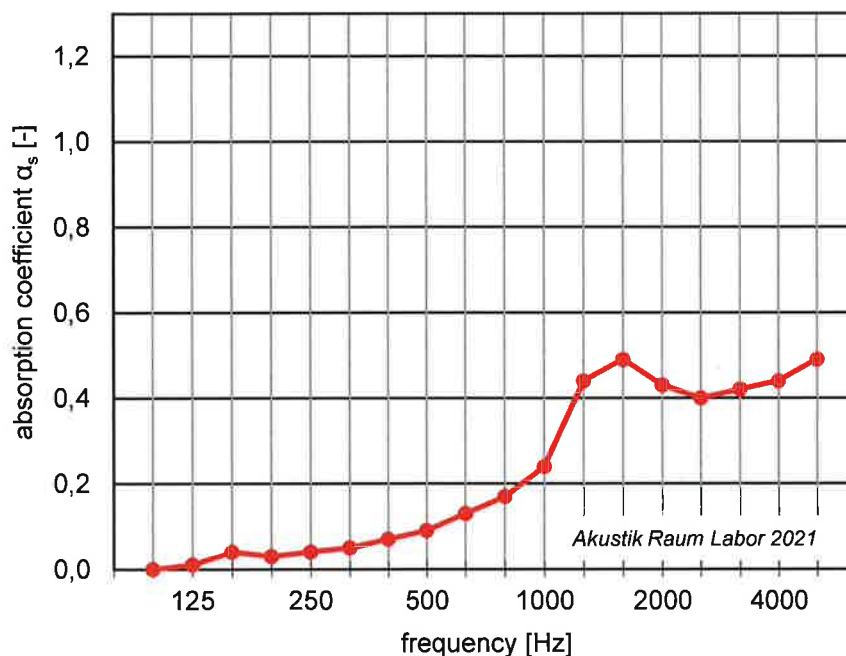
Batchno.: TH00605-0005

Dyelot: 2925

Dim.: 4.000/3.000/7,3 mm

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

Frequency [Hz]	$\alpha_s$ [-]
100	0,00
125	0,01
160	0,04
200	0,03
250	0,04
315	0,05
400	0,07
500	0,09
630	0,13
800	0,17
1000	0,24
1250	0,44
1600	0,49
2000	0,43
2500	0,40
3150	0,42
4000	0,44
5000	0,49

**Practical Sound absorption  
coefficient  $\alpha_p$  according to  
DIN EN ISO 11654**

Frequency [Hz]	$\alpha_p$ [-]
125	0,00
250	0,05
500	0,10
1000	0,30
2000	0,45
4000	0,45

**Parameters after ASTM 423**

NRC = 0,20  
SAA = 0,22

**Parameters after DIN EN ISO 11654**

$\alpha_w$  = 0,20  
Sound Absorption Class E

Rev. chamber: ARL  
Date: 21.05.2021  
Volume: 205 m<sup>3</sup>  
Specimen size: 12 m<sup>2</sup>  
Temperature: 19,2 °C  
Humidity: 51 %

Akustik Raum Labor

Wächtersbach,  
21.05.2021

Signature:

Akustik Raum Labor A.R.L. GmbH  
Industriestr. 38  
63607 Wächtersbach

☎ + 49 (0) 6053 62067 0  
✉ + 49 (0) 6053 62067 26  
✉ Info@akustik-raum-labor.de

Report-No.: ARL202105180

Test-No.: M1037