

**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:**

Eco Compact WT

**Assembly:**

Item: 0890230

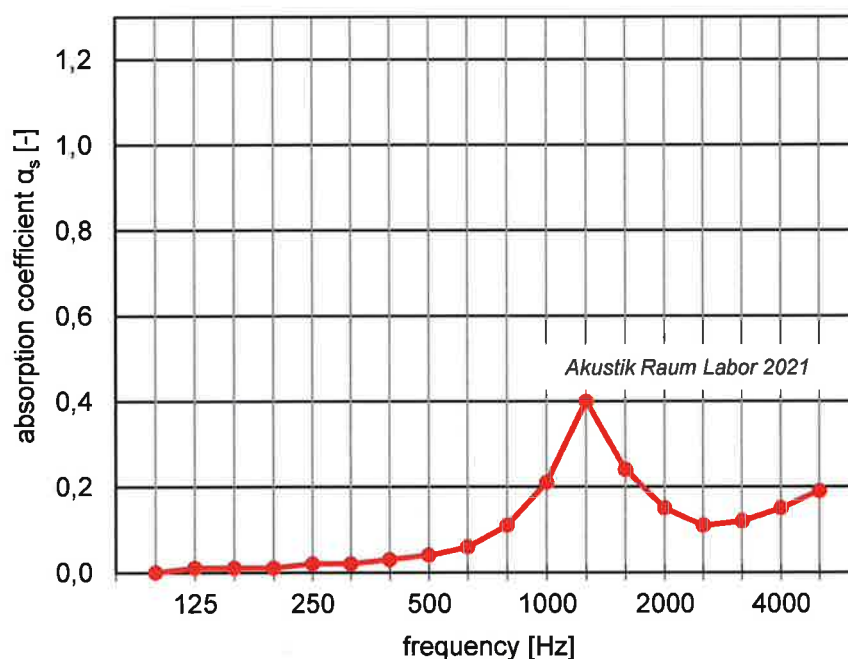
Batchno.: TH01742-0006

Dyelot: 8780

Dim.: 4.000/3.000/4,5 mm

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

Frequency [Hz]	$\alpha_s$ [-]
100	0,00
125	0,01
160	0,01
200	0,01
250	0,02
315	0,02
400	0,03
500	0,04
630	0,06
800	0,11
1000	0,21
1250	0,40
1600	0,24
2000	0,15
2500	0,11
3150	0,12
4000	0,15
5000	0,19

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

Frequency [Hz]	$\alpha_p$ [-]
125	0,00
250	0,00
500	0,05
1000	0,25
2000	0,15
4000	0,15

**Parameters after ASTM 423**

NRC = 0,10  
SAA = 0,12

**Parameters after DIN EN ISO 11654**

$\alpha_w$  = 0,15  
Sound Absorption Class E

Rev. chamber: ARL  
Date: 18.05.2021  
Volume: 205 m<sup>3</sup>  
Specimen size: 12 m<sup>2</sup>  
Temperature: 19,2 °C  
Humidity: 51 %

Akustik Raum Labor

Waechtersbach,  
18.05.2021

Signature:

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