

**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 Structure WT

**Assembly:**

Item: 0896180

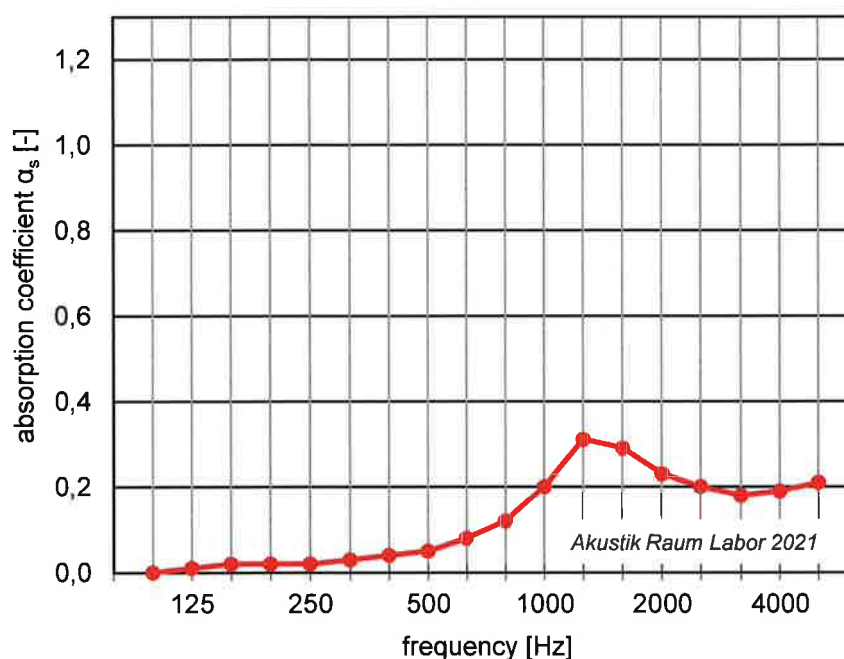
Batchno.: TH01765-0041

Dyelot: 8891

Dim.: 4.000/3.000/4,2 mm

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

Frequency [Hz]	$\alpha_s$ [-]
100	0,00
125	0,01
160	0,02
200	0,02
250	0,02
315	0,03
400	0,04
500	0,05
630	0,08
800	0,12
1000	0,20
1250	0,31
1600	0,29
2000	0,23
2500	0,20
3150	0,18
4000	0,19
5000	0,21

**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	0,20
2000	0,25
4000	0,20

Parameters after ASTM 423		
NRC	=	0,15
SAA	=	0,13
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

Report-No.: ARL202105180  
 Test-No.: M1013

Waechtersbach,  
 18.05.2021

Signature:

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