

**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 Rustic WT

**Assembly:**

Item: 0833195

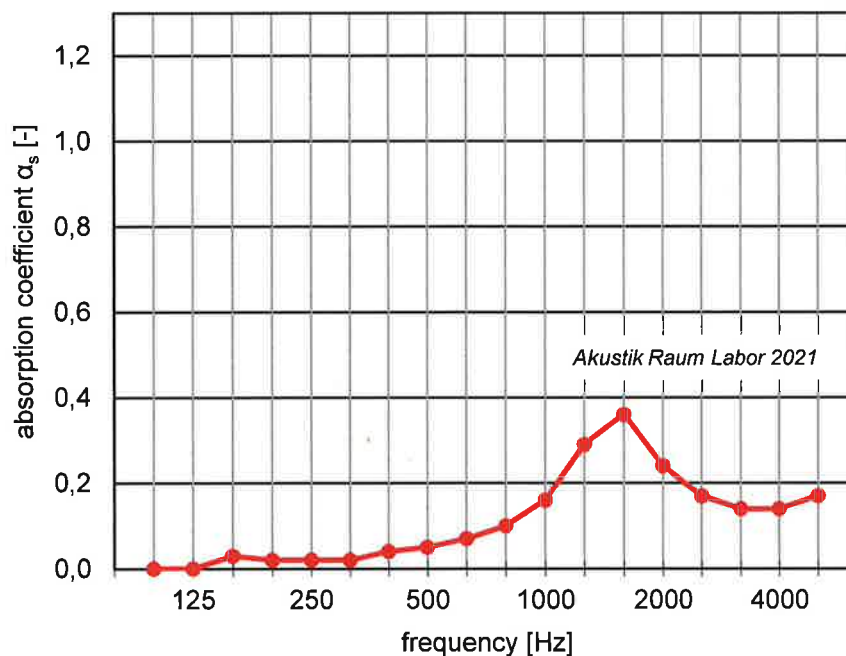
Batchno.: TH21214-0001

Dyelot: 136588

Dim.: 4.000/3.000/3,4 mm

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

Frequency [Hz]	$\alpha_s$ [-]
100	0,00
125	0,00
160	0,03
200	0,02
250	0,02
315	0,02
400	0,04
500	0,05
630	0,07
800	0,10
1000	0,16
1250	0,29
1600	0,36
2000	0,24
2500	0,17
3150	0,14
4000	0,14
5000	0,17

**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	0,15

Parameters after ASTM 423		
NRC	=	0,10
SAA	=	0,13
Parameters after DIN EN ISO 11654		
$\alpha_w$	=	0,15
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

 Waechtersbach,  
 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.: M1036