

**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:**

Grace CF Black

**Assembly:**

Bale: 357049960108471406

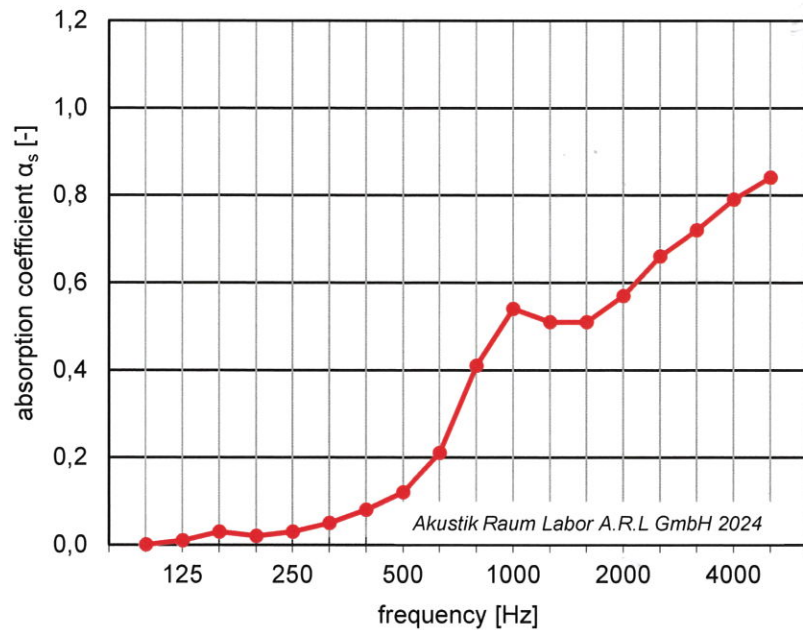
Item: 0937150

Batchno.: T121803-0043

Dim.: 4000/3000mm

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

Frequency [Hz]	$\alpha_s$ [-]
100	0,00
125	0,01
160	0,03
200	0,02
250	0,03
315	0,05
400	0,08
500	0,12
630	0,21
800	0,41
1000	0,54
1250	0,51
1600	0,51
2000	0,57
2500	0,66
3150	0,72
4000	0,79
5000	0,84

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

Frequency [Hz]	$\alpha_p$ [-]
125	0,00
250	0,05
500	0,15
1000	0,50
2000	0,60
4000	0,80

Parameters after ASTM 423		
NRC	=	0,30
SAA	=	0,31
Parameters after DIN EN ISO 11654		
$\alpha_w$	=	0,25
Sound Absorption Class		E

Rev. chamber: A.R.L. GmbH  
 Date: 12.10.2024  
 Volume: 205 m<sup>3</sup>  
 Specimen size: 12 m<sup>2</sup>  
 Temperature: 18,9 °C  
 Humidity: 55,59 %

Akustik Raum Labor

Waechtersbach,  
20.12.2024

Signature:

Report-No.: ARL202410120  
Test-No.: M013Akustik Raum Labor A.R.L. GmbH  
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