

**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:**

Colortec 80/20 1100 LT

**Assembly:**

Bale: 357049960108471567

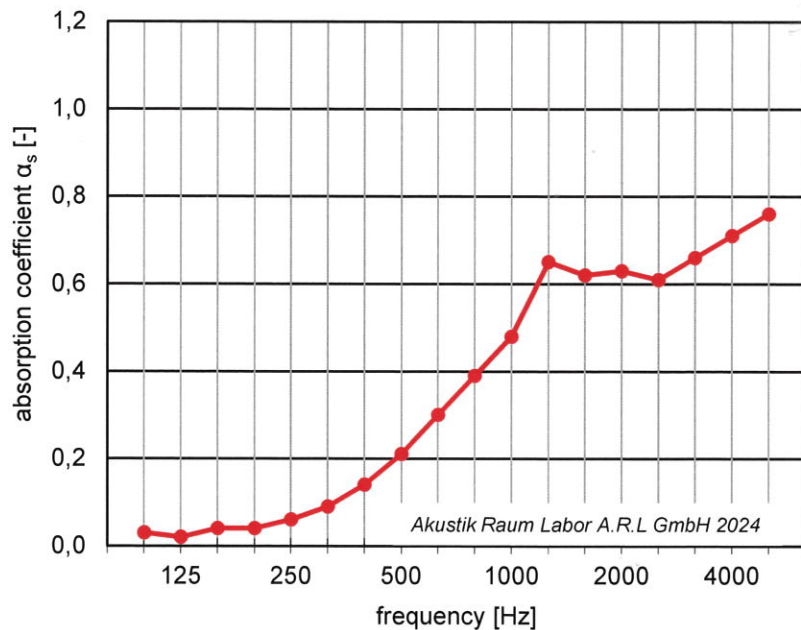
Item: 0189001100

Batchno.: -

Dim.: 4000/3000mm

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

Frequency [Hz]	$\alpha_s$ [-]
100	0,03
125	0,02
160	0,04
200	0,04
250	0,06
315	0,09
400	0,14
500	0,21
630	0,30
800	0,39
1000	0,48
1250	0,65
1600	0,62
2000	0,63
2500	0,61
3150	0,66
4000	0,71
5000	0,76

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

Frequency [Hz]	$\alpha_p$ [-]
125	0,05
250	0,05
500	0,20
1000	0,50
2000	0,60
4000	0,70

Parameters after ASTM 423		
NRC	=	0,35
SAA	=	0,35
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: 18,7 °C  
 Humidity: 54,91 %

Akustik Raum Labor

Waechtersbach,  
20.12.2024

Signature:

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Test-No.: M06Akustik Raum Labor A.R.L. GmbH  
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