

**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:**

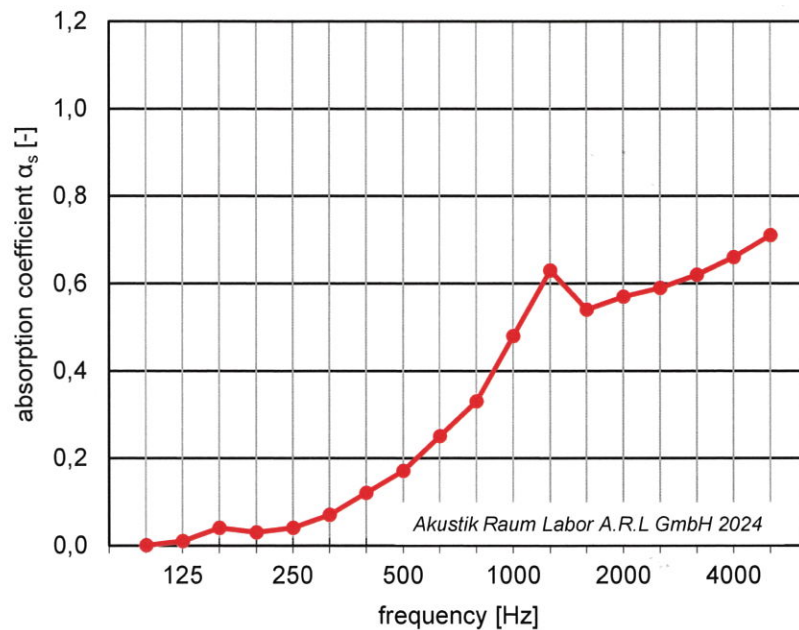
Colortec 80/20 1500 LT

**Assembly:**

Bale: 357049960108471543  
 Item: 189001500400  
 Batchno.: 1009890-00-01  
 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	0,04
200	0,03
250	0,04
315	0,07
400	0,12
500	0,17
630	0,25
800	0,33
1000	0,48
1250	0,63
1600	0,54
2000	0,57
2500	0,59
3150	0,62
4000	0,66
5000	0,71


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

Frequency [Hz]	$\alpha_p$ [-]
125	0,00
250	0,05
500	0,20
1000	0,50
2000	0,55
4000	0,65

Parameters after ASTM 423		
NRC	=	0,30
SAA	=	0,32
Parameters after DIN EN ISO 11654		
$\alpha_w$	=	0,25
Sound Absorption Class E		

Rev. chamber: A.R.L. GmbH  
 Date: 14.10.2024  
 Volume: 205 m<sup>3</sup>  
 Specimen size: 12 m<sup>2</sup>  
 Temperature: 18,9 °C  
 Humidity: 51,77 %

Akustik Raum Labor

 Waechtersbach,  
 20.12.2024

Signature:

 Report-No.: ARL202410120  
 Test-No.: M017

 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