

**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 1800 LT

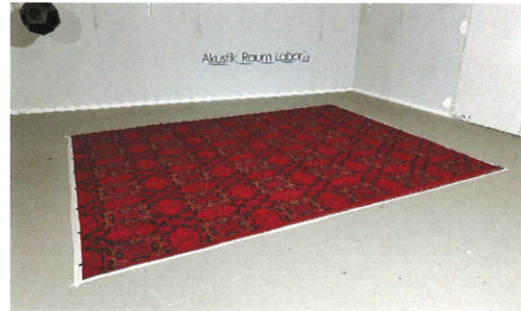
**Assembly:**

Bale: 357049960108471581

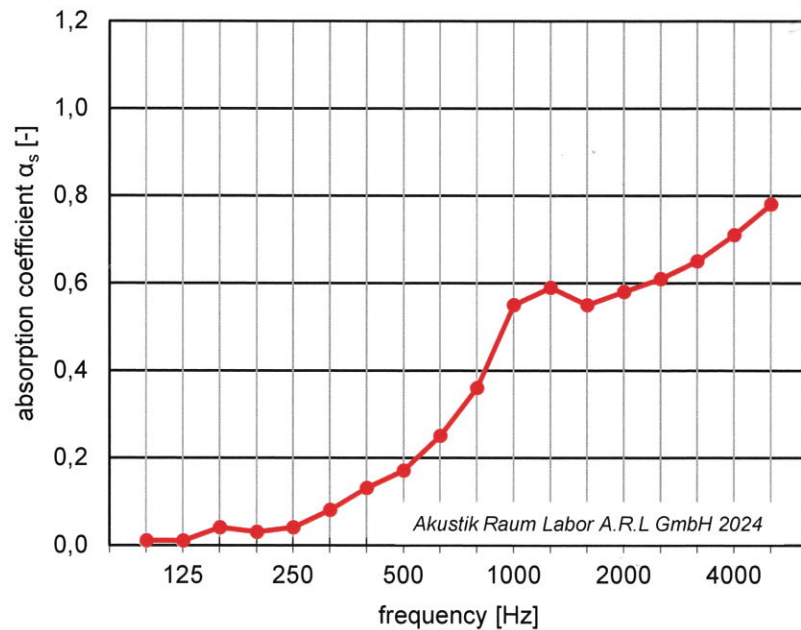
Item: 189001800

Batchno.: -

Dim.: 4000/3000mm

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

Frequency [Hz]	$\alpha_s$ [-]
100	0,01
125	0,01
160	0,04
200	0,03
250	0,04
315	0,08
400	0,13
500	0,17
630	0,25
800	0,36
1000	0,55
1250	0,59
1600	0,55
2000	0,58
2500	0,61
3150	0,65
4000	0,71
5000	0,78

**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	0,60
4000	0,70

Parameters after ASTM 423		
NRC	=	0,35
SAA	=	0,33
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: 55,01 %

Akustik Raum Labor

Wächtersbach,  
20.12.2024

Signature:

Report-No.: ARL202410120  
Test-No.: M07

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