

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:

Highline 80/20 1900 AB (Test non taped)

Assembly:

Item: 14092

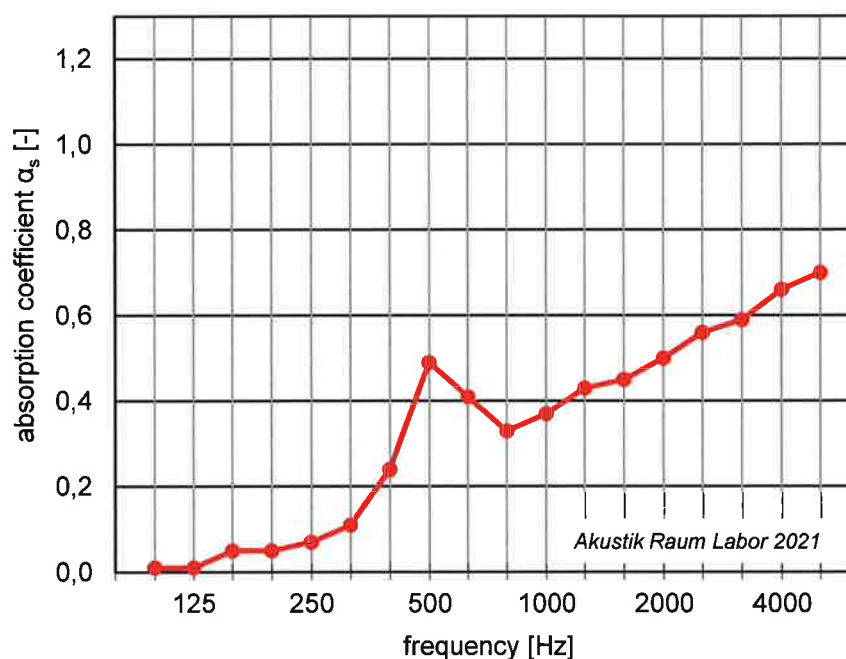
Batchno.: TH02146-0012

Dyelot: 10692

Dim.: 4.000/3.000 mm

**Sound absorption coefficient α_s
according to DIN EN ISO 354**

Frequency [Hz]	α_s [-]
100	0,01
125	0,01
160	0,05
200	0,05
250	0,07
315	0,11
400	0,24
500	0,49
630	0,41
800	0,33
1000	0,37
1250	0,43
1600	0,45
2000	0,50
2500	0,56
3150	0,59
4000	0,66
5000	0,70

**Practical Sound absorption
coefficient α_p according to
DIN EN ISO 11654**

Frequency [Hz]	α_p [-]
125	0,00
250	0,10
500	0,40
1000	0,40
2000	0,50
4000	0,65

Parameters after ASTM 423

NRC = 0,35
SAA = 0,33


Parameters after DIN EN ISO 11654

α_w = 0,40
Sound Absorption Class D

Rev. chamber: ARL
Date: 18.05.2021
Volume: 205 m³
Specimen size: 15 m²
Temperature: 19,1 °C
Humidity: 54 %

Akustik Raum Labor

Waechtersbach,
18.05.2021

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

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