

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:

Epoca Knit WT

Assembly:

Item: 0857490

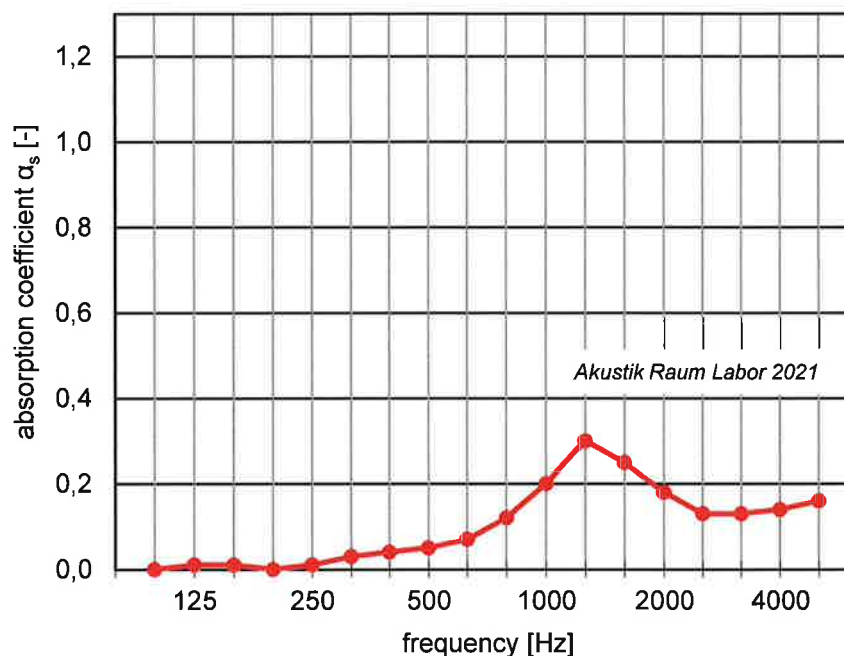
Batchno.: TH00284-0009

Dyelot: 0

Dim.: 4.000/3.000/4,2mm

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

Frequency [Hz]	α_s [-]
100	0,00
125	0,01
160	0,01
200	0,00
250	0,01
315	0,03
400	0,04
500	0,05
630	0,07
800	0,12
1000	0,20
1250	0,30
1600	0,25
2000	0,18
2500	0,13
3150	0,13
4000	0,14
5000	0,16

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

Frequency [Hz]	α_p [-]
125	0,00
250	0,00
500	0,05
1000	0,20
2000	0,20
4000	0,15

Parameters after ASTM 423		
NRC	=	0,10
SAA	=	0,12
Parameters after DIN EN ISO 11654		
α_w	=	0,15
Sound Absorption Class		E

Rev. chamber: ARL
 Date: 18.05.2021
 Volume: 205 m³
 Specimen size: 12 m²
 Temperature: 19,2 °C
 Humidity: 51 %

Akustik Raum Labor

Wächtersbach,
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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