

Impact sound reduction according to ISO 140-8

Measurement of the impact sound reduction through a ceiling pad on a solid reference ceiling in test stands

On behalf of: **EGETÆPPER A/S, INDUSTRIVEJ NORD 25, DK-7400 HERNING**

Object:

Eco Rustic WT

Assembly:

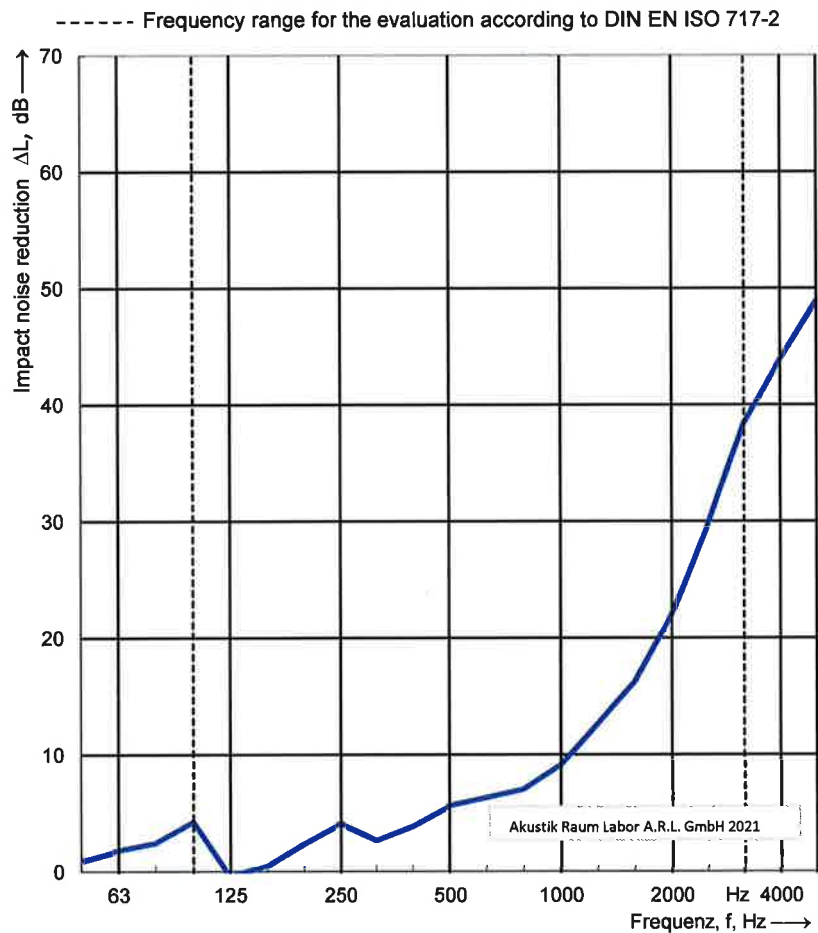
Item: 0833195
Batchno.: TH21214-0001
Dyelot: 136588
Dim.: 4000/3000/3.4mm



Volume of the receiving room: 53,3 m³
Test stand: HFT Stuttgart
Day of measurement: 29.06.2021

Temperature: 24,7 °C
Humidity: 43,9 %
Air pressure: 960 hPa

Frequency f [Hz]	L _{n,0} Third [dB]	ΔL Third [dB]
50	65,8	0,9
63	56,9	1,8
80	58,3	2,4
100	62,6	4,2
125	67,1	-0,5
160	71,0	0,5
200	70,0	2,4
250	69,0	4,1
315	69,9	2,7
400	70,6	3,9
500	71,3	5,6
630	71,4	6,3
800	71,5	7
1000	72,4	9,1
1250	74,8	12,6
1600	75,8	16,2
2000	74,8	22
2500	73,3	29,7
3150	73,5	38,4
4000	72,3	43,9
5000	70,2	48,9



Parameters according DIN EN ISO 717-2:

$\Delta L_w = 15$ dB

$C_{i,\Delta} = -9$ dB

$C_{i,r} = -2$ dB

The measurement results are based on tests carried out with an artificial sound source.

Measurements in third octave band width.

Akustik Raum Labor

Report-No.: ARL202106250

Test-No.: T1036

Wächtersbach,
20.09.2021

Signature:

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