

## 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:

Tuft 440 ECT350

## Assembly:

Item: 076274048

Batchno.: H047473004

Dyelot: 22810

Dim.: 2880/3840/5,95mm

Volume of the receiving room: 53,3 m<sup>3</sup>

Temperature: 18,6 °C

Test stand: EGETÆPPER A/S

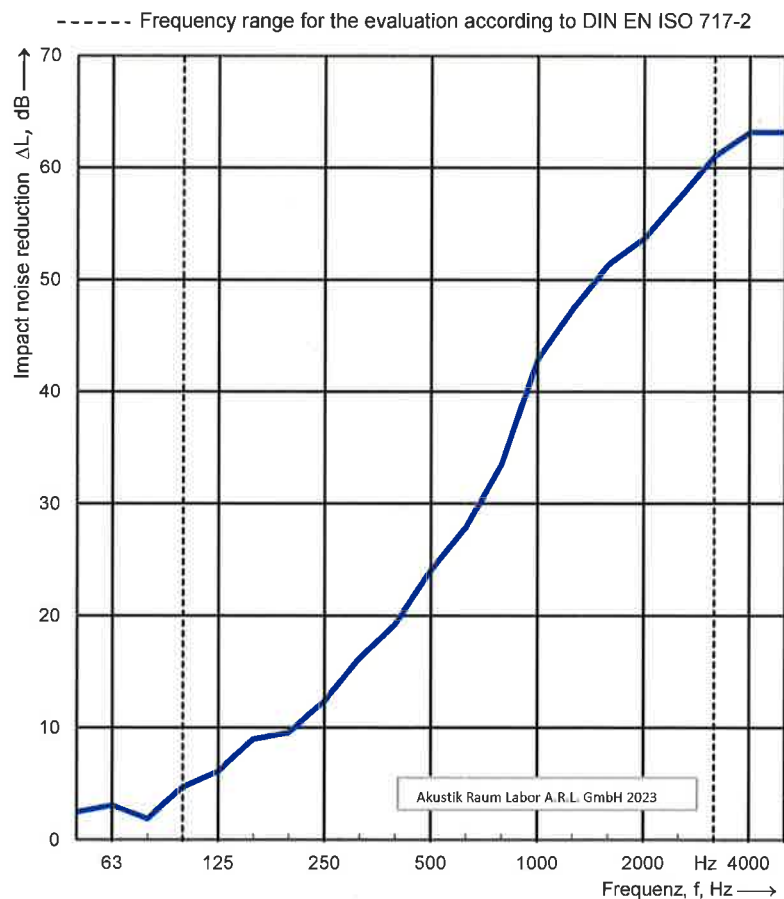
Humidity: 32,5 %

Day of measurement: 17.03.2023

Air pressure: 957 hPa

Frequency f [Hz]	L <sub>n,0</sub> Third [dB]	ΔL Third [dB]
50	66,1	2,5
63	56,9	3,1
80	57,9	1,9
100	58,8	4,7
125	66,7	6,1
160	72,1	9
200	72,0	9,6
250	68,6	12,4
315	69,4	16,2
400	70,3	19,2
500	69,8	24,1
630	71,0	27,9
800	72,0	33,6
1000	72,7	42,9
1250	74,6	47,4
1600	75,4	51,4
2000	74,5	53,7
2500	73,3	57,3
3150	73,3	61,1
4000	72,2	<63,2
5000	70,2	<63,2

Measurement limit



Parameters according DIN EN ISO 717-2:

 $\Delta L_w = 26$  dB $C_{i,\Delta} = -11$  dB $C_{i,r} = 0$  dB

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

Measurements in third octave band width.

Akustik Raum Labor

Wächtersbach,  
17.05.2023

Signature:

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Test-No.: T01

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