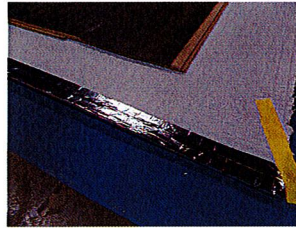


## DETERMINING THE REDUCTION OF TRANSMITTED IMPACT NOISE BY FLOOR COVERINGS ACCORDING TO ISO 10140-3:2010



principal: Unifloor Underlay Systems

| Variant | Underlayer (described from the laboratory floor with PE-foil) |            | Topfloor          |
|---------|---|------------|-------------------|
| 14      | 6 mm Heatblok   | Jumpax Top | PVC dry back 2 mm |



volume measuring room: 94 m<sup>3</sup>

surface area floor: 10 m<sup>2</sup>

measured at:  
Peutz Laboratory for Acoustics

signal: tapping machine

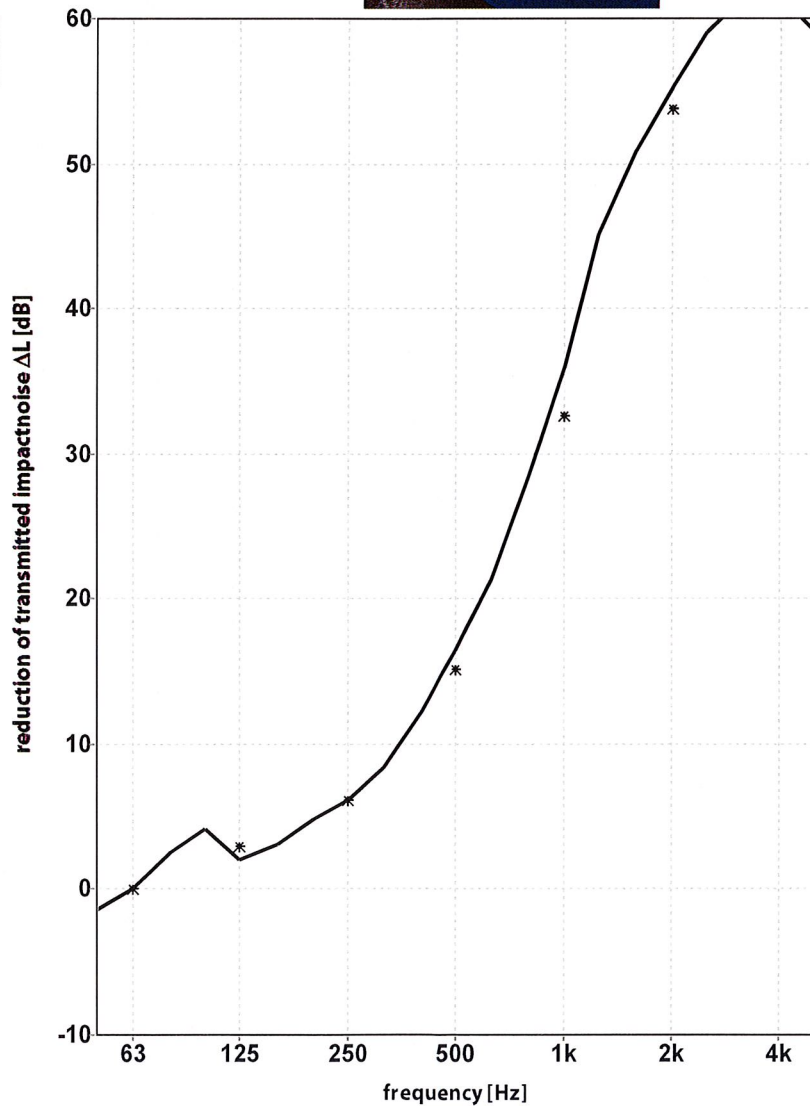
bandwidth: 1/3 octave

ISO 717-2:2013

$\Delta L_{in} = 10$  dB

$\Delta L_w = 21$  dB

— 1/3 oct.  
\* 1/1 oct.



|          |      |     |     |      |      |      |         |
|----------|------|-----|-----|------|------|------|---------|
| 1/3 oct. | -1,4 | 4,2 | 4,8 | 12,2 | 28,7 | 50,9 | 61,4    |
|          | 0,0  | 2,1 | 6,1 | 16,5 | 35,9 | 55,2 | 61,5 dB |
|          | 2,6  | 3,1 | 8,4 | 21,4 | 45,0 | 59,1 | 59,1    |
| 1/1 oct. | 0,1  | 3,0 | 6,2 | 15,2 | 32,6 | 53,8 | 60,5 dB |

Insulat versie 3-18.1 mode 1.1. PW: -JK. file: a3289 L0#Bare Peutz floor #20 L1#94 ##:95

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