

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

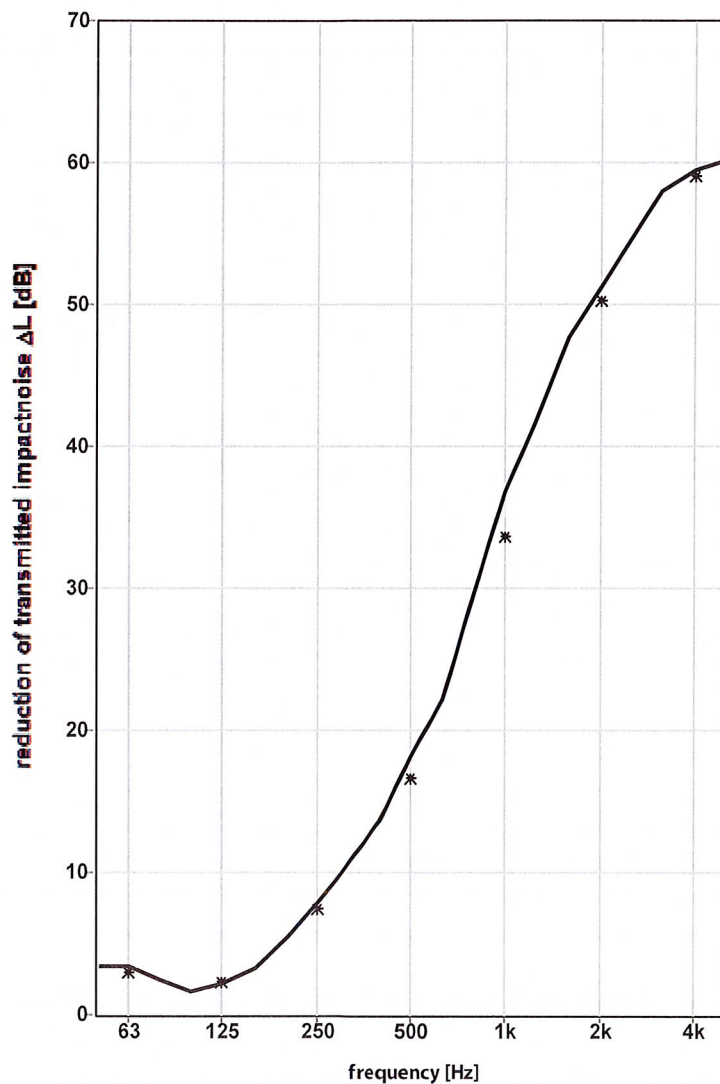


principal: Unifloor Underlay Systems B.V.

construction tested:

Variant	Underlayer (described from the laboratory floor with PE-foil)	Topfloor
12	1. Soundkiller, 2. Jumpax Basic	LVT 3mm

— 1/3 oct.
* 1/1 oct.



volume measuring room: 94 m³

surface area floor: 10 m²

measured at:
Peutz Laboratory for Acoustics

signal: tapping machine

bandwidth: 1/3 octave

ISO 717-2:2013

$\Delta L_{in} = 10 \text{ dB}$

$\Delta L_w = 22 \text{ dB}$

	3,4	1,6	5,4	13,6	29,9	47,7	58,0
1/3 oct.	3,4	2,2	7,9	18,1	36,8	51,2	59,4 dB
	2,4	3,3	10,4	22,2	41,6	54,6	60,2
1/1 oct.	3,0	2,3	7,4	16,6	33,6	50,3	59,1 dB

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Mook, measured at 05-06-2020