

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

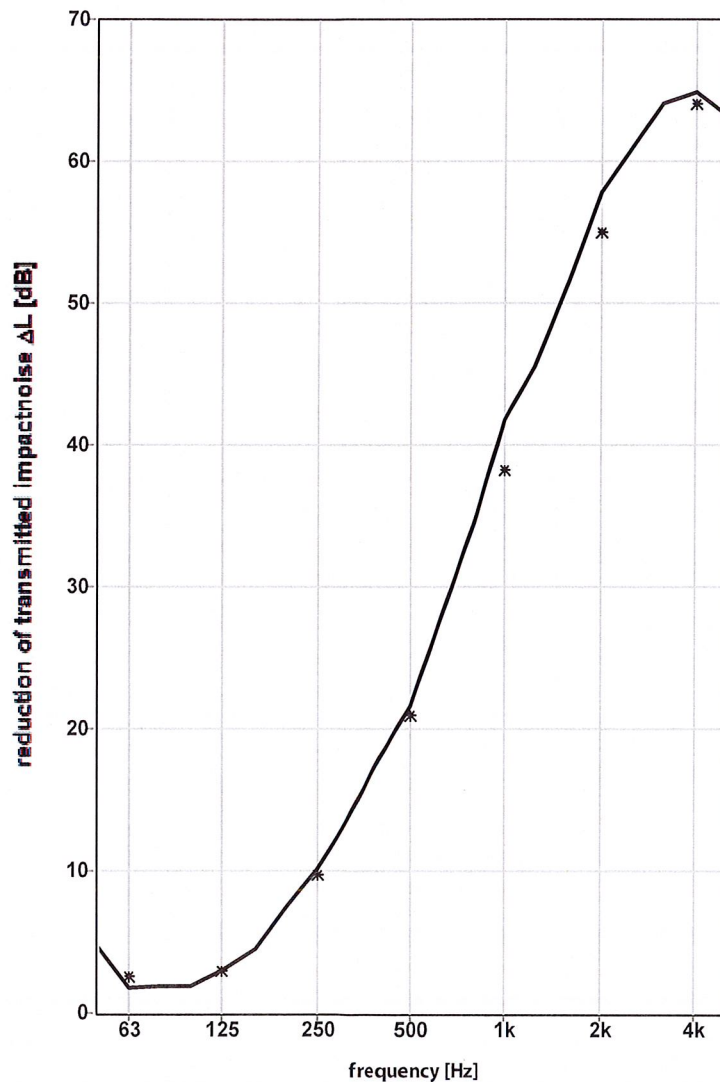


principal: Unifloor Underlay Systems B.V.

construction tested:

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

— 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

$\Delta L_{in} = 12 \text{ dB}$

$\Delta L_w = 23 \text{ dB}$

	4,7	1,9	7,5	18,0	34,6	51,6	64,1
1/3 oct.	1,7	3,0	10,1	21,6	41,7	57,8	64,9 dB
	1,9	4,5	13,5	28,1	45,6	60,9	63,2
1/1 oct.	2,6	3,0	9,7	20,9	38,3	55,0	64,0 dB

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Mook, measured at 05-06-2020