

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
4	Jumpax HD	Linoleum 2mm

volume measuring room: 94 m³

surface area floor: 10 m²

measured at:
Peutz Laboratory for Acoustics

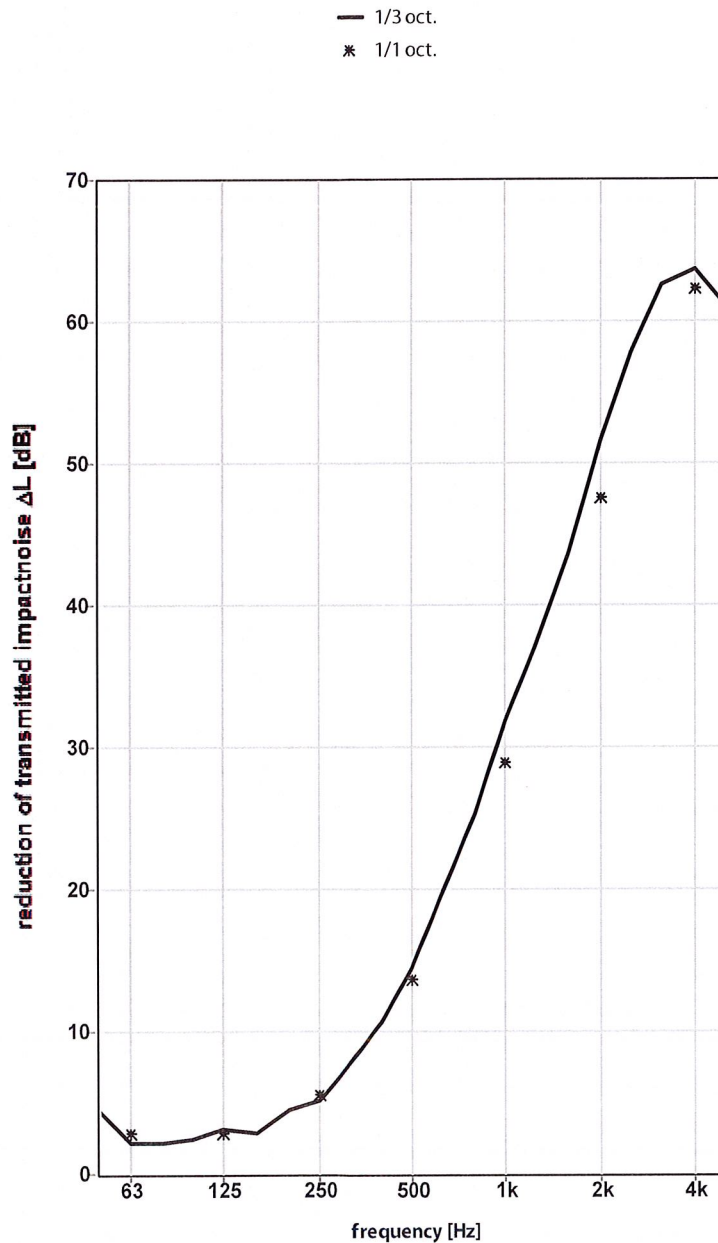
signal: tapping machine

bandwidth: 1/3 octave

ISO 717-2:2013

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

$\Delta L_w = 21 \text{ dB}$



	4,5	2,4	4,5	10,7	25,3	43,6	62,5
1/3 oct.	2,2	3,1	5,2	14,5	31,7	51,6	63,7 dB
	2,2	2,8	7,6	19,8	37,0	57,8	61,1
1/1 oct.	2,8	2,8	5,6	13,6	28,9	47,6	62,3 dB

publication is permitted for the entire page only

Mook, measured at 05-06-2020