

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
1	1. HeatFoil, 2. Jumpax Basic	LVT 3mm

volume measuring room: 94 m³

surface area floor: 10 m²

measured at:
Peutz Laboratory for Acoustics

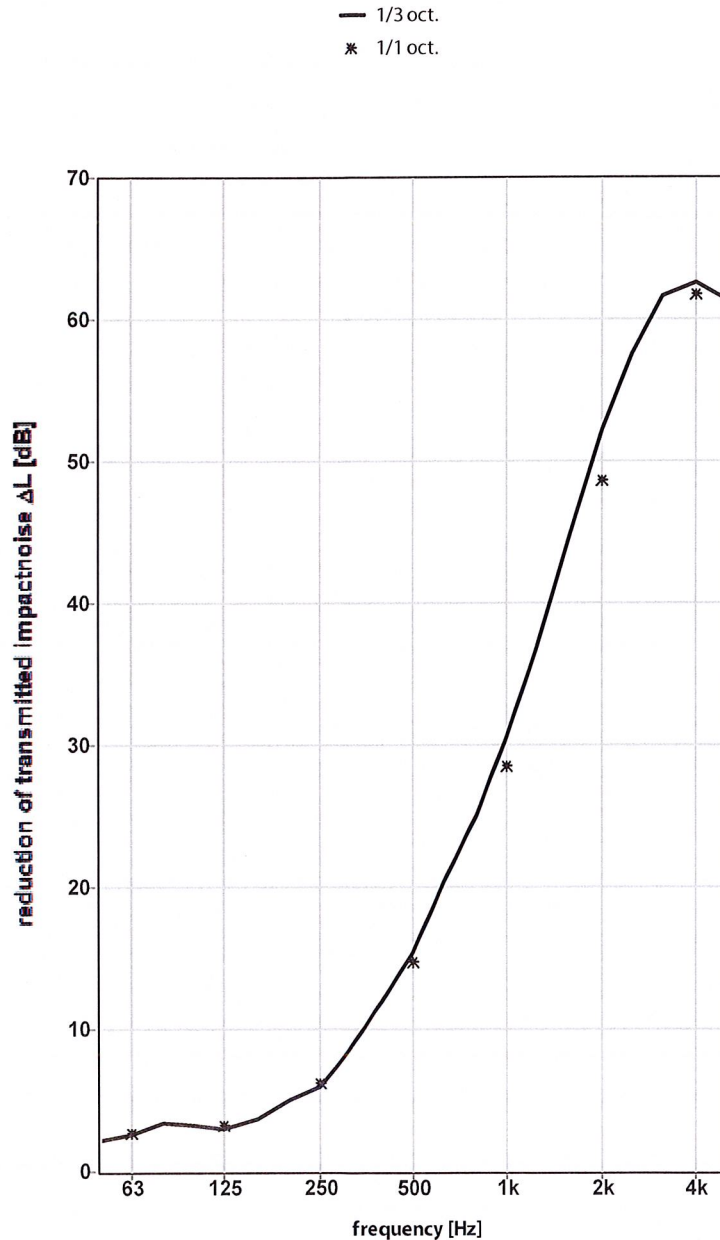
signal: tapping machine

bandwidth: 1/3 octave

ISO 717-2:2013

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

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



	2,2	3,2	5,0	12,0	25,0	44,8	61,6
1/3 oct.	2,5	3,0	5,9	15,4	30,6	52,2	62,6 dB
	3,4	3,7	8,5	20,4	36,7	57,5	61,4
1/1 oct.	2,7	3,3	6,2	14,7	28,5	48,7	61,8 dB

publication is permitted for the entire page only

Mook, measured at 05-06-2020