

**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
18	4 mm Cocofloor	25mm Reddupanel	Tapis 9 mm

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

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

measured at:  
Peutz Laboratory for Acoustics

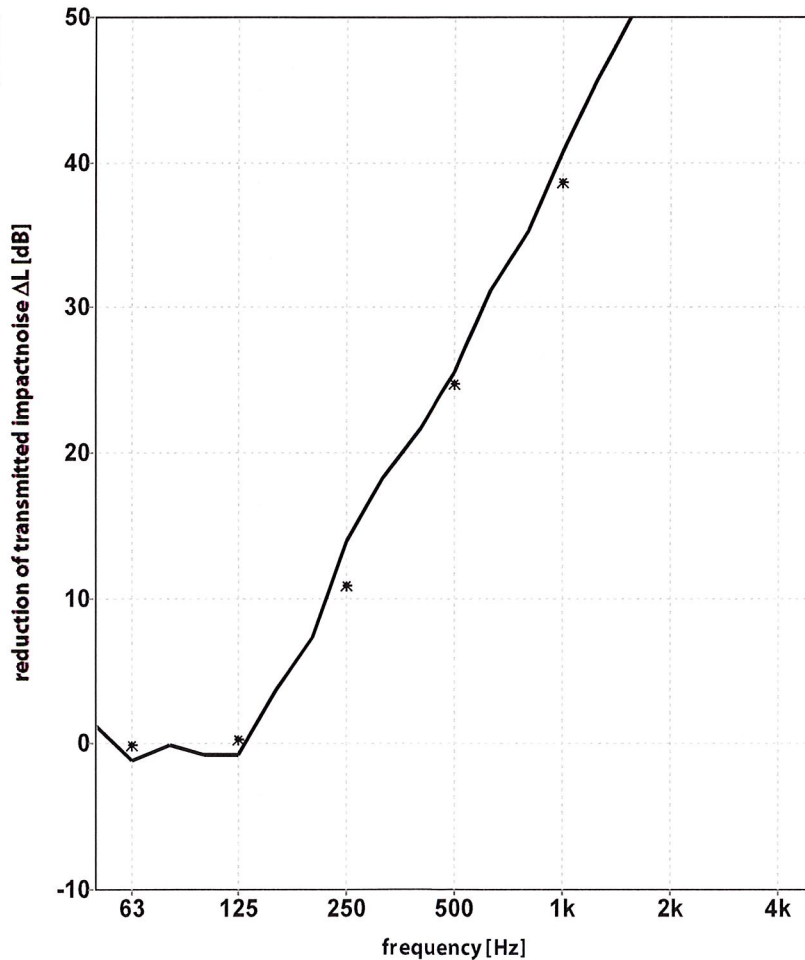
signal: tapping machine

bandwidth: 1/3 octave

ISO 717-2:2013

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

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



	63	125	250	500	1k	2k	4k
1/3 oct.	1,2 -1,1 -0,1	-0,8 -0,8 3,7	7,3 13,9 18,3	21,7 25,6 31,2	35,3 40,7 45,7	50,5 55,0 57,8	61,5 61,9 60,1
1/1 oct.	-0,1	0,3	10,9	24,7	38,7	53,4	61,1 dB

publication is permitted for the entire page only

Mook, 21-04-2017