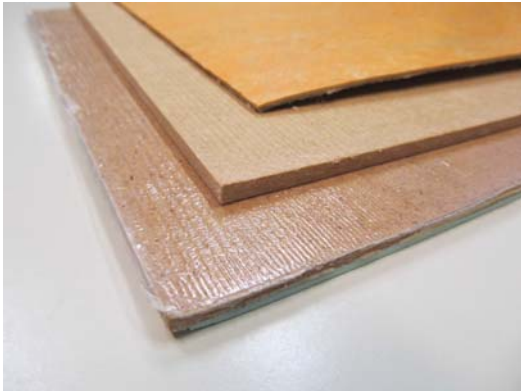


DETERMINING THE REDUCTION OF TRANSMITTED IMPACT NOISE BY FLOOR COVERINGS
ACCORDING TO ISO 10140-3:2010



principal: Estillon BV / Floor-us BV

construction tested floorcovering (with mass load): 2mm marmoleum + 9mm Floorfixx Regular + PE foil



volume measuring room: 94 m³

surface area floor: 10,7 m²

measured at:
Peutz Laboratory for Acoustics

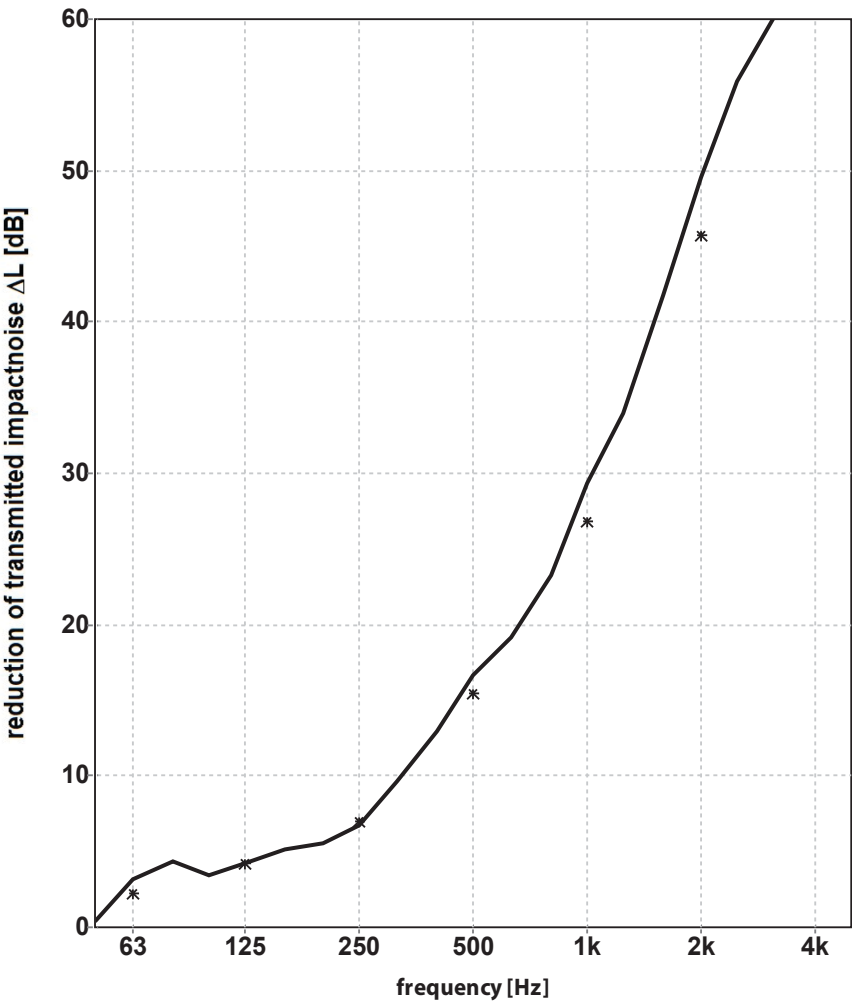
signal: tapping machine

bandwidth: 1/3 octave

ISO 717-2:2013

$\Delta L_{lin} = 11 \text{ dB}$

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



	0,4	3,5	5,5	12,9	23,3	41,8	60,2
1/3 oct.	3,2	4,2	6,8	16,7	29,4	49,5	62,2 dB
	4,4	5,2	9,7	19,2	33,9	55,9	61,0
1/1 oct.	2,3	4,2	7,0	15,5	26,8	45,7	61,1 dB

publication is permitted for the entire page only

Mook, 03-11-2014