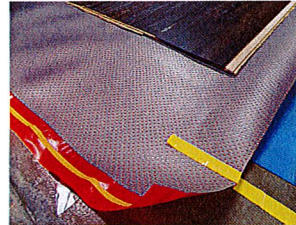


DETERMINING THE REDUCTION OF TRANSMITTED IMPACT NOISE BY FLOOR COVERINGS ACCORDING TO ISO 10140-3:2010



principal: Unifloor Underlay Systems

Variant	Underlayer (described from the laboratory floor with PE-foil)		Topfloor
13	1,2 mm Heatfoil	Jumpax Top	PVC dry back 2 mm



volume measuring room: 94 m³

surface area floor: 10 m²

measured at:
Peutz Laboratory for Acoustics

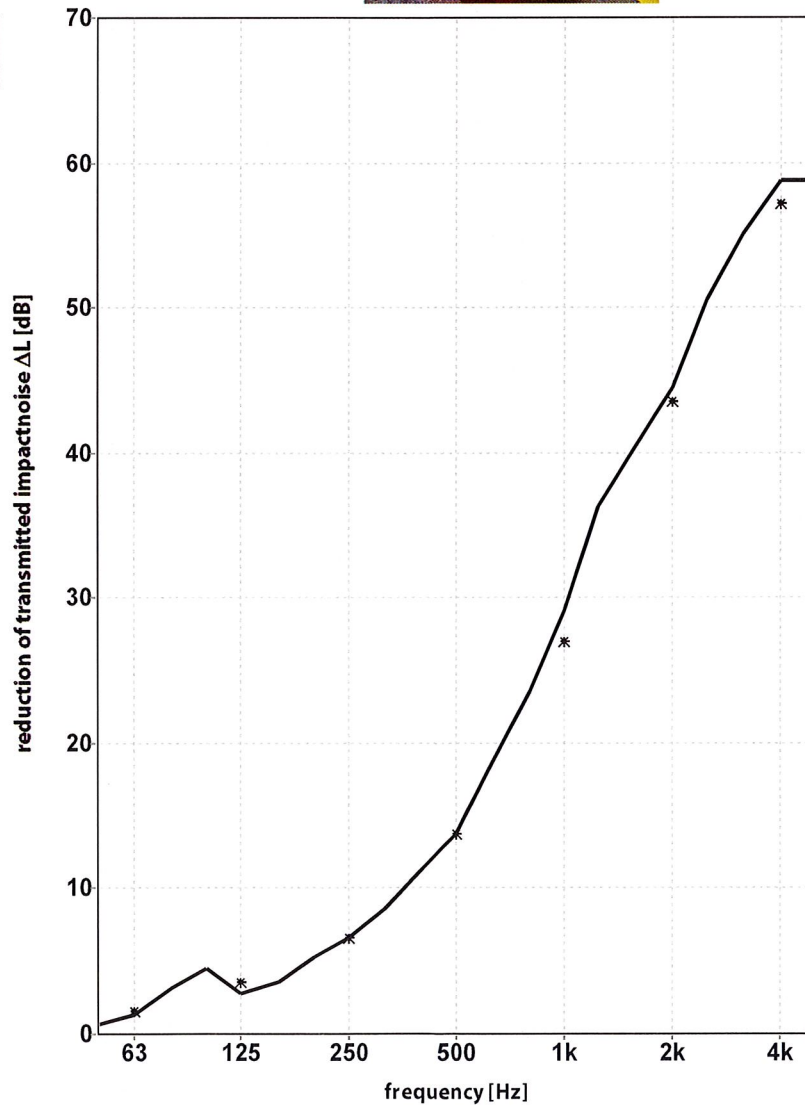
signal: tapping machine

bandwidth: 1/3 octave

ISO 717-2:2013

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

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



	0,7	4,5	5,3	11,4	23,5	40,5	55,0
1/3 oct.	1,3	2,8	6,6	13,7	29,1	44,5	58,8 dB
	3,2	3,6	8,6	18,6	36,3	50,5	58,7
1/1 oct.	1,6	3,6	6,6	13,7	27,0	43,5	57,1 dB