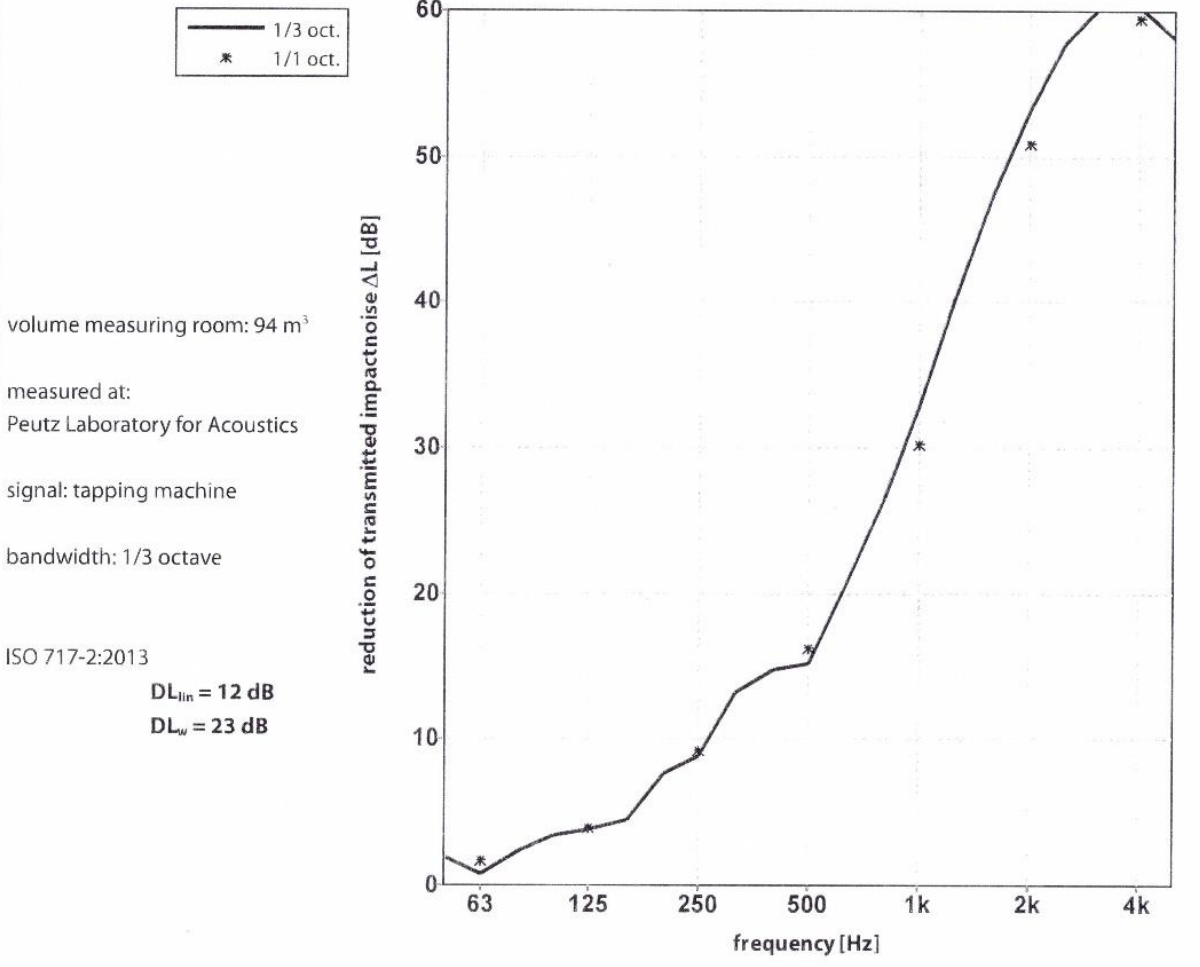


**DETERMINING THE REDUCTION OF TRANSMITTED IMPACT NOISE BY FLOOR COVERINGS ACCORDING TO ISO 10140-3:2010**



principal: Unifloor Underlay Systems

Variant	Underlayer (described from the laboratory floor)		Topfloor
9	PE-Foil	Bluefloor	Coretec



volume measuring room: 94 m<sup>3</sup>  
 measured at:  
 Peutz Laboratory for Acoustics  
 signal: tapping machine  
 bandwidth: 1/3 octave  
 ISO 717-2:2013  
 DL<sub>in</sub> = 12 dB  
 DL<sub>w</sub> = 23 dB

	2,0	3,5	7,6	14,8	26,5	47,5	60,4	
1/3 oct.	0,8	3,8	8,8	15,2	32,9	53,2	60,2	dB
	2,4	4,5	13,2	20,6	40,2	57,7	58,2	
1/1 oct.	1,7	3,9	9,3	16,2	30,2	50,9	59,5	dB