

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



principal: Unifloor Underlay Systems B.V.

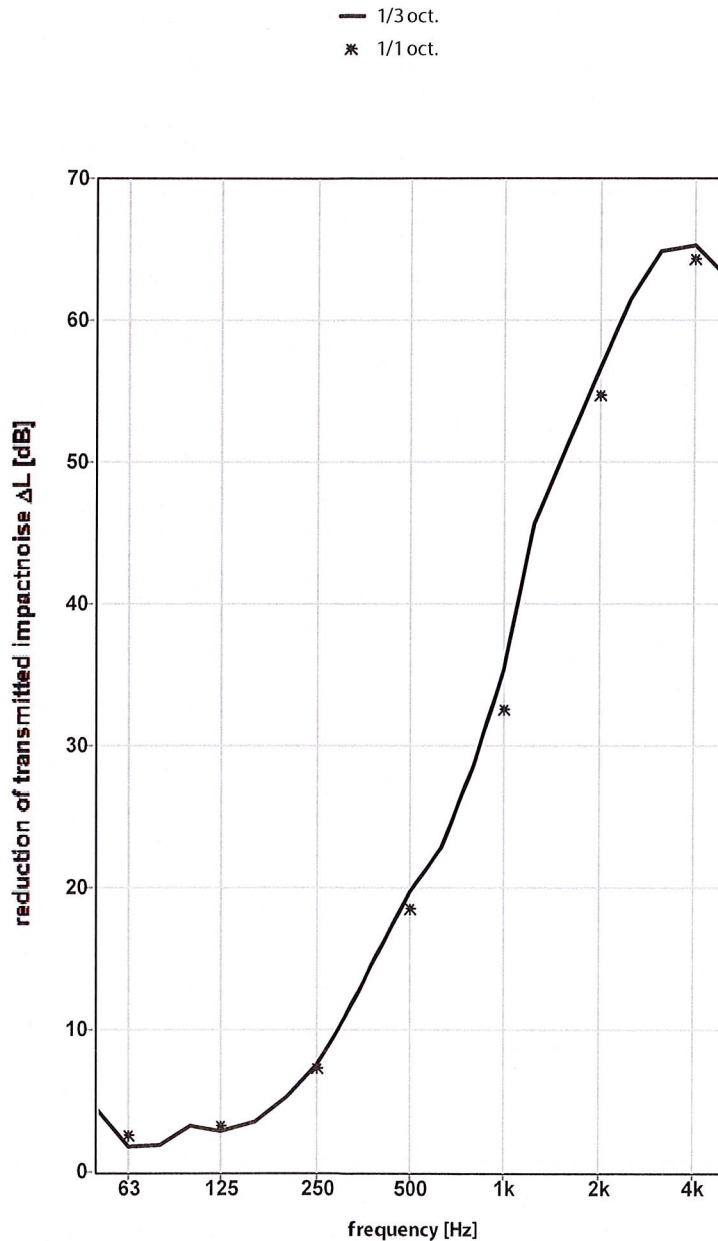
construction tested:

Variant	Underlayer (described from the laboratory floor with PE-foil)	Topfloor
3	1. HeatBlok, 2. Jumpax Basic	Linoleum 2mm

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

$\Delta L_{lin} = 11 \text{ dB}$   
 $\Delta L_w = 22 \text{ dB}$



	4,4	3,2	5,3	15,7	28,7	51,4	64,9
1/3 oct.	1,7	2,9	7,5	19,7	35,4	56,6	65,3 dB
	1,9	3,5	10,9	22,9	45,7	61,5	63,1
1/1 oct.	2,5	3,2	<b>7,3</b>	<b>18,5</b>	<b>32,6</b>	<b>54,7</b>	<b>64,3 dB</b>

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Mook, measured at 05-06-2020