

## Note

subject: Granuflex flooring  
date: 27 May 2020  
reference: TS/TS/HT/A 3690-7E-NO

At the request of Granuflex at Amsterdam (The Netherlands), tests have been carried out in the Laboratory for Acoustics of Peutz bv, at Mook, The Netherlands.

The aim of the tests is to determine the reduction of transmitted impact noise. The full test results are given in test report A 3690-6E-RA dated May 19<sup>th</sup>, 2020 where a description is given of the standards and guidelines, the measurement situation, the measurement method, measurement accuracy and environmental conditions.

This document gives a summary of the test results.

<i>Product description</i>	
<b>Granuflex, Fitness 15mm Basic</b> Dimensions: 1000 mm x 1000 mm thickness: 15 mm mass: 12,9 kg/m <sup>2</sup>	

The measured reduction of transmitted impact noise is:

$$\Delta L_{lin} = 9 \text{ dB}$$
$$\Delta L_w = 20 \text{ dB}$$

The test result is also presented in the figure on page 2.

This note contains 1 pages and 1 figure



Mook,

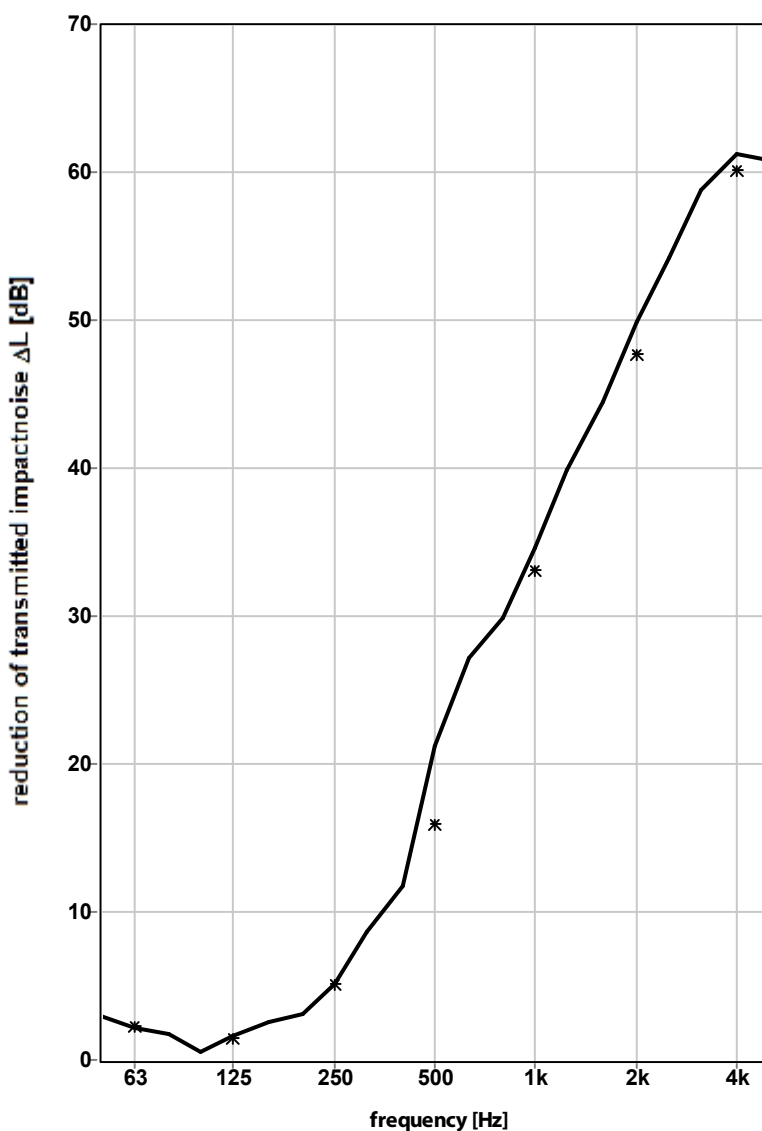
**DETERMINING THE REDUCTION OF TRANSMITTED IMPACT NOISE BY FLOOR COVERINGS ACCORDING TO ISO 10140-3:2010**



principal: Granuflex

construction tested:

**Granuflex, Fitness 15mm Basic**  
 dimensions: 1000 mm x 1000 mm  
 thickness: 15 mm  
 mass: 12,9 kg/m<sup>2</sup>



— 1/3 oct.  
 \* 1/1 oct.

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

surface area floor: 1,0 m<sup>2</sup>

measured at:  
 Peutz Laboratory for Acoustics

signal: tapping machine

bandwidth: 1/3 octave

ISO 717-2:2013

$\Delta L_{in} = 9 \text{ dB}$

$\Delta L_w = 20 \text{ dB}$

	3,0	0,6	3,1	11,8	29,9	44,4	58,8
1/3 oct.	2,1	1,6	5,2	21,2	34,6	49,8	61,2 dB
	1,8	2,5	8,6	27,1	39,8	54,2	60,8
1/1 oct.	2,3	1,5	5,1	16,0	33,1	47,7	60,1 dB