

Note

subject: Granuflex floor coverings
date: January 12, 2016
reference: TS/TS/SSt/A 3016-1E-NO
from: Th.W. Scheers

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 3016-1E-RA dated January 12th, 2016 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.

Granuflex, Fitness 20mm Standard

dimensions: 1000 mm x 1000 mm
thickness: 20 mm
mass: 17,45 kg/m²



The measured reduction of transmitted impact noise is:

$$\Delta L_{\text{lin}} = 10 \text{ dB}$$
$$\Delta L_{\text{w}} = 21 \text{ dB}$$

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

This note contains 1 page and 1 figure

Mook,



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



principal: Granuflex

Granuflex, Fitness 20mm Standard

dimensions: 1000 mm x 1000 mm
 thickness: 20 mm
 mass: 17,45 kg/m²



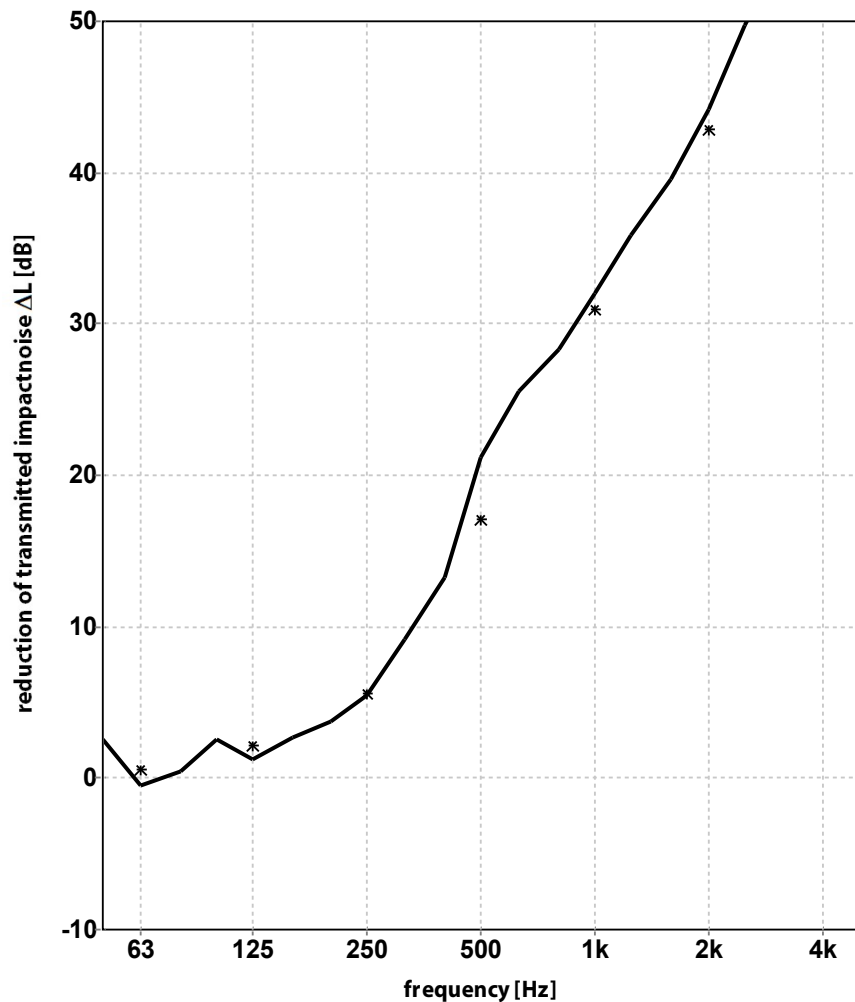
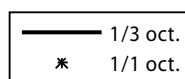
volume measuring room: 94 m³

measured at:
 Peutz Laboratory for Acoustics

signal: tapping machine

bandwidth: 1/3 octave

ISO 717-2:2013
 $\Delta L_{in} = 10 \text{ dB}$
 $\Delta L_w = 21 \text{ dB}$



	2,6	2,5	3,8	13,2	28,3	39,6	54,6
1/3 oct.	-0,5	1,2	5,5	21,2	32,0	44,2	57,0
	0,4	2,7	9,2	25,5	35,8	49,7	57,6
1/1 oct.	0,6	2,1	5,6	17,1	31,0	42,8	56,2

publication is permitted for the entire page only

Mook, 01-12-2015