Note

subject: Granuflex floor coverings

date: January 12, 2016

reference: TS/TS/AvdS/A 3016-2E-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 12, 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 Heavy Duty
dimensions: 1000 mm x 1000 mm
thickness: 20 mm
mass: 19,45 kg/m^2

The measured reduction of transmitted impact noise is:

$$\mathbf{\Delta L_{lin} = 9\ dB}$$
$$\mathbf{\Delta L_{w} = 20\ dB}$$

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

Mook,

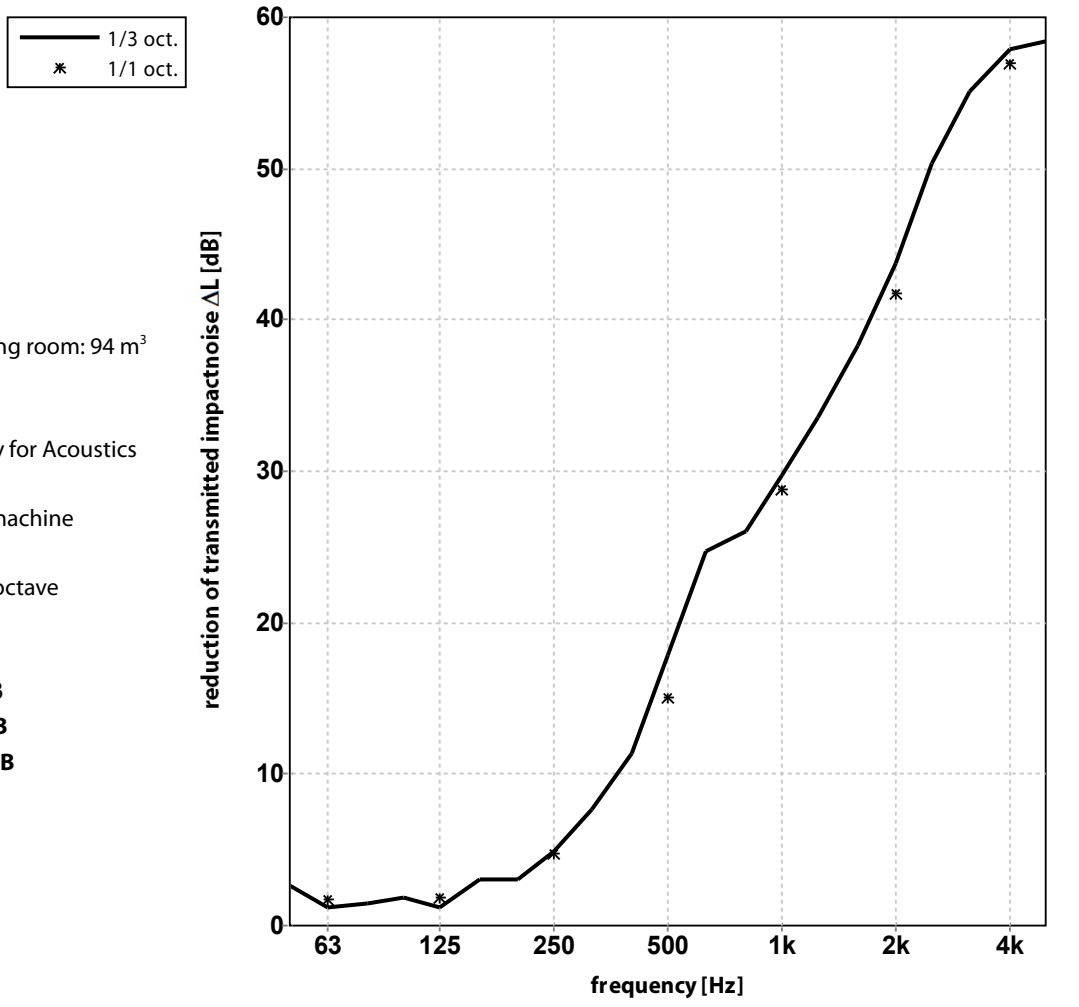
This note contains 1 page and 1 figure

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

TESTING RvA L 334

principal: Granuflex

Granuflex, Fitness 20mm Heavy Duty
dimensions: 1000 mm x 1000 mm
thickness: 20 mm
mass: 19,45 kg/m^2



volume measuring room: 94 m^3

measured at:
Peutz Laboratory for Acoustics

signal: tapping machine

bandwidth: 1/3 octave

ISO 717-2:2013
ΔL_{lin} = 9 dB
ΔL_w = 20 dB

	63	125	250	500	1k	2k	4k	
	2,6	1,8	3,1	11,3	26,1	38,3	55,1	
1/3 oct.	1,2	1,2	4,9	17,8	29,8	43,8	57,9	dB
	1,5	3,0	7,7	24,7	33,6	50,4	58,4	
1/1 oct.	**1,7**	**1,9**	**4,8**	**15,0**	**28,8**	**41,8**	**56,9**	**dB**

Mook, 01-12-2015