

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 19th, 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.

Product description

Granuflex, Fitness 15mm Basic

Dimensions: 1000 mm x 1000 mm

thickness: 15 mm mass: 12,9 kg/m²



The measured reduction of transmitted impact noise is:

$$\Delta L_{lin} = 9 dB$$

 $\Delta L_w = 20 dB$

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

This note contains 1 pages and 1 figure

Mook,

peutz bv, postbus 66, 6585 zh mook, +31 85 822 86 00, mook@peutz.nl, www.peutz.nl kvk 12028033, conditions in accordance with DNR 2011, member NLingenieurs, btw NL.004933837B01, ISO-9001:2015

LABORATORY FOR ACOUSTICS



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

70

principal: Granuflex

construction tested:

Granuflex, Fitness 15mm Basic

dimensions: 1000 mm x 1000 mm

thickness: 15 mm mass: 12,9 kg/m²



1/3 oct.

1/1 oct.

volume measuring room: 94 m³

surface area floor: 1,0 m²

measured at:

Peutz Laboratory for Acoustics

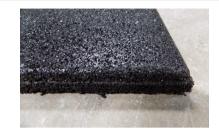
signal: tapping machine

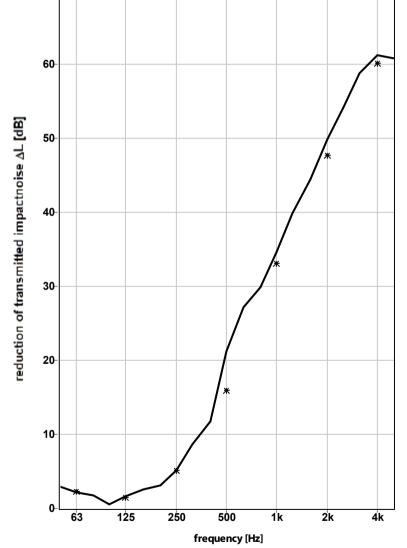
bandwidth: 1/3 octave

ISO 717-2:2013

 $\Delta L_{lin} = 9 dB$

 $\Delta L_{w} = 20 \text{ dB}$





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

1,5 5,1 1/1 oct. 2,3

publication is permitted for the entire page only

Mook, measured at 07-04-2020

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