

## Note

subject: Granuflex  
date: August 27, 2019  
reference: TS/TS/DJ/A 3690-4E-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 3690-2E-RA dated August 22<sup>th</sup>, 2019 where a description is given of the standards and guidelines, the measurement situation, the measurement method, measurement accuracy and environmental conditions.

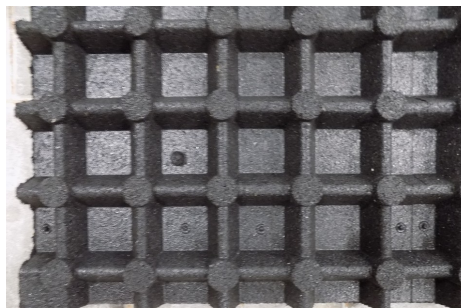
This document gives a summary of the test results.

### *Product description*

#### **Granuflex, Fitness 65 mm High Impact Extreme**

Dimensions: 1000 mm x 1000 mm  
thickness: 65 mm  
mass: 33,1 kg/m<sup>2</sup>

### *View rear side*



The measured reduction of transmitted impact noise is:

$$\Delta L_{\text{lin}} = 13 \text{ dB}$$

$$\Delta L_{\text{w}} = 24 \text{ dB}$$

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**



principal: Granuflex

construction tested: variant 2I

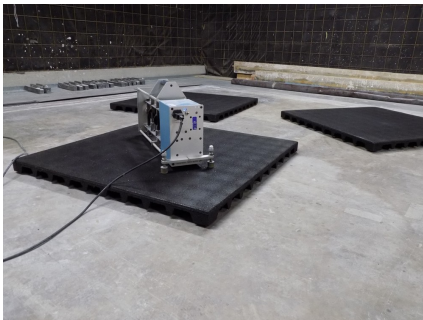
*Product description*

**Granuflex, Fitness 65 mm High Impact Extreme**

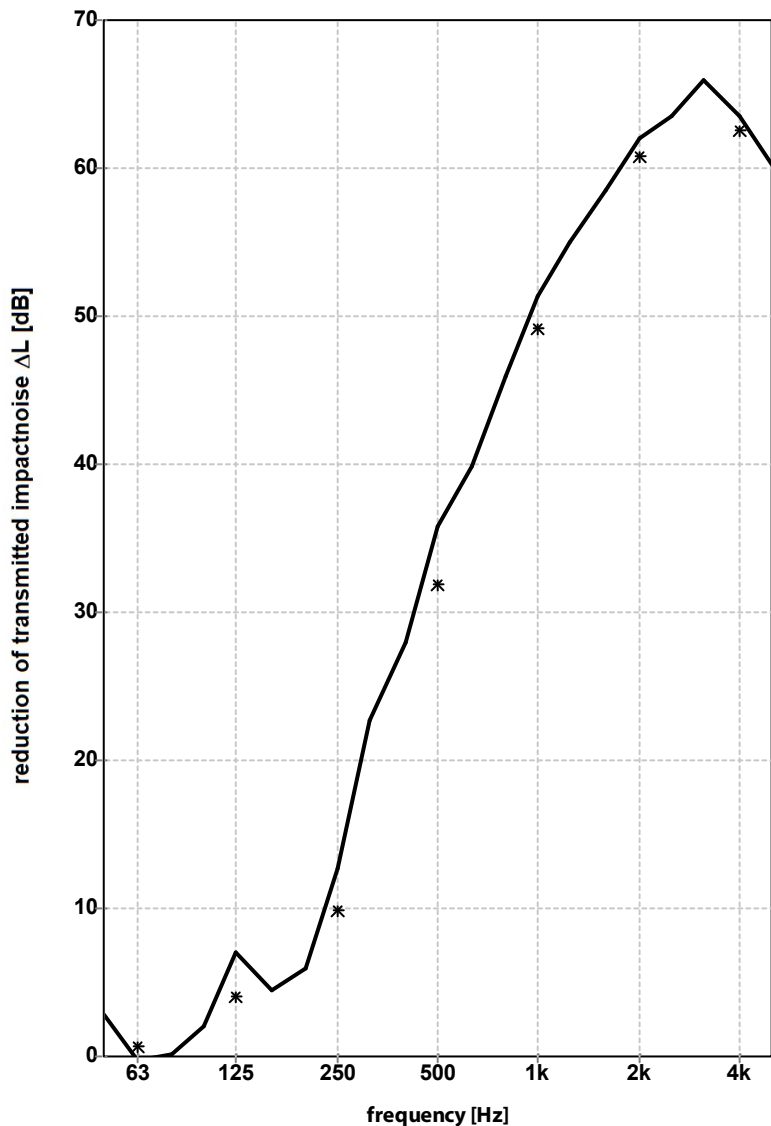
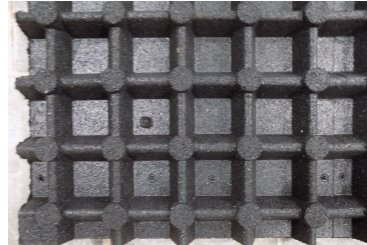
Dimensions: 1000 mm x 1000 mm

thickness: 65 mm

mass: 33,1 kg/m<sup>2</sup>



View rear side



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

$\Delta L_{in} = 13 \text{ dB}$

$\Delta L_w = 24 \text{ dB}$

— 1/3 oct.  
\* 1/1 oct.

	2,9	2,0	5,9	28,0	45,9	58,5	65,9
1/3 oct.	-0,3	7,0	12,7	35,8	51,4	62,0	63,5 dB
	0,2	4,5	22,7	39,8	55,0	63,5	60,3
1/1 oct.	0,7	4,0	9,8	31,9	49,2	60,8	62,6 dB

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