

Acoustic Test Results

Laboratory measurement of the reduction of transmitted impact sound of porcelain tiles on **Acoustiflor** and **Acoustibond** adhesives.

Laboratory Test

University of Auckland
Acoustic Testing Service

Standard

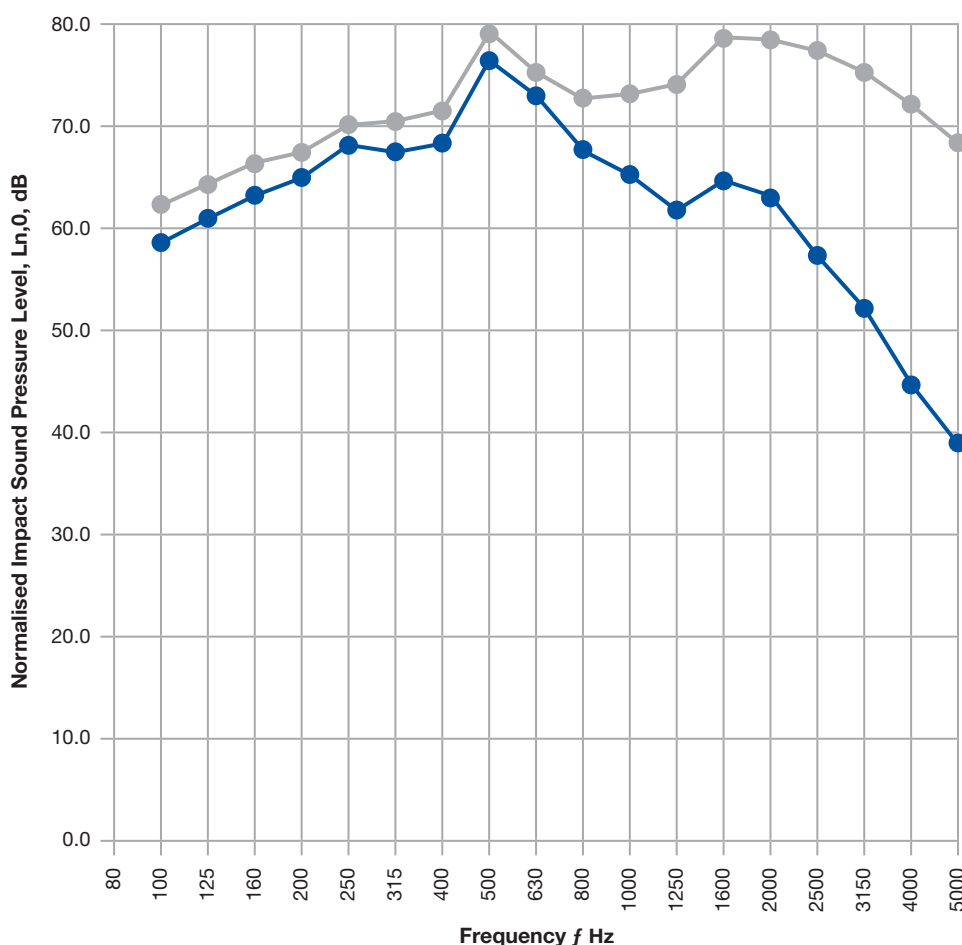
Tested in accordance with ISO 10140-3

Test Date

21 July 2015

Construction

Bare 140mm concrete slab
Layer 1 - 4.5mm layer of **Acoustiflor**
Layer 2 - 5mm layer of **Acoustibond**
Layer 3 - 10mm porcelain tiles



Frequency f Hz	Ln,0 One-third octave dB	ΔL One-third octave dB
100	62.0	2.5
125	64.2	2.5
160	67.0	3.4
200	68.6	3.0
250	70.3	0.7
315	70.5	2.0
400	71.7	2.1
500	79.5	1.6
630	75.7	2.0
800	72.4	4.0
1000	72.6	7.6
1250	73.5	12.0
1600	78.9	14.1
2000	78.7	15.4
2500	77.1	19.2
3150	75.8	24.0
4000	72.1	27.2
5000	68.5	28.8

●●● Bare 140mm concrete slab ●●● 4.5mm of Acoustiflor, 5mm of Acoustibond, 10mm porcelain tiles

Ln,w 69dB

Ln,w 56dB

Acoustic Improvement ΔLw 13dB

Disclaimer This Acoustic Test is provided “as is” without any expressed or implied representations or guarantees. Dribond Construction Chemicals Pty Ltd does not make any claims regarding the accuracy or completeness of the information and materials presented. The data included here is based on industry-standard testing methods and aims to describe the performance characteristics of Dribond’s acoustic underlayments and adhesives. However, it does not certify suitability for any specific project. While we strive to provide accurate and up-to-date information, Dribond Construction Chemicals Pty Ltd does not warrant that the details in this Acoustic Test are complete, accurate, or non-misleading. This document is intended solely for informational purposes. You should consult with Dribond Construction Chemicals Pty Ltd, or a qualified Acoustical Consultant before taking any action based on this information.

Acoustic Test Results

Laboratory measurement of the reduction of transmitted impact sound of porcelain tiles on **Acoustibond** adhesive.

Laboratory Test

University of Auckland
Acoustic Testing Service

Standard

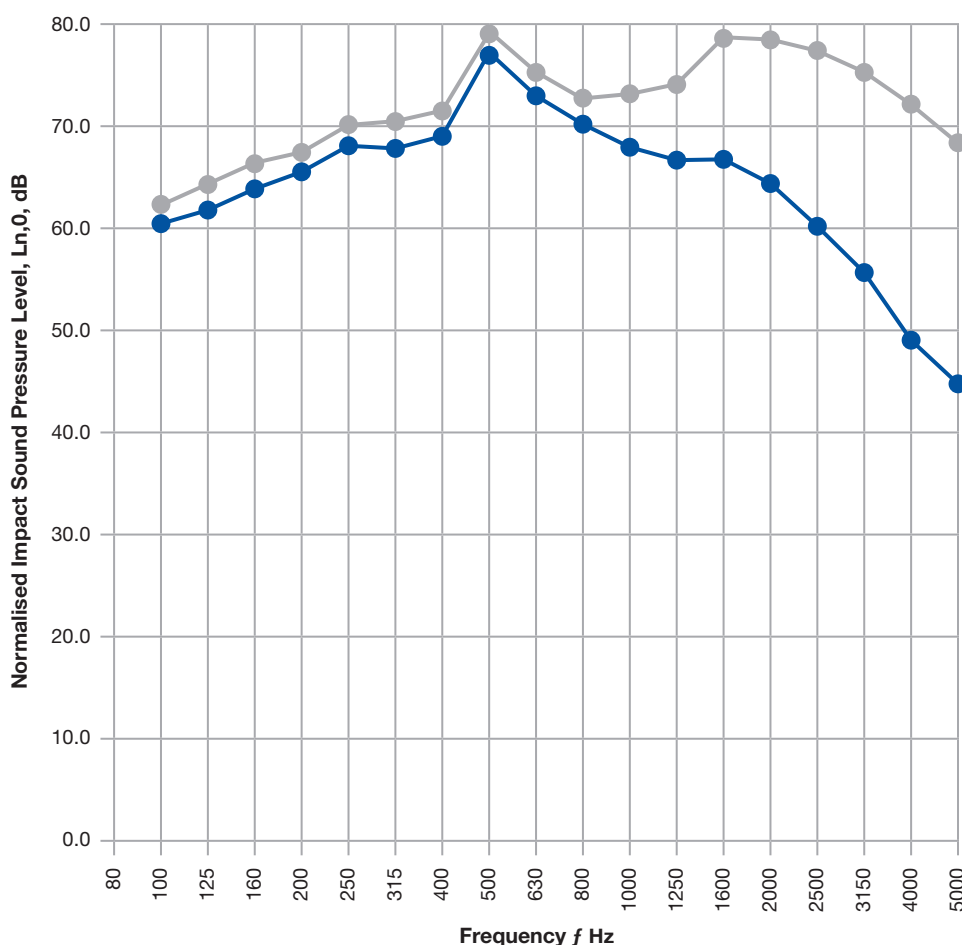
Tested in accordance with ISO 10140-3

Test Date

24 July 2015

Construction

Bare 140mm concrete slab
Layer 1 - 3-5mm layer of **Acoustibond**
Layer 2 - 10mm porcelain tiles



Frequency f Hz	Ln,0 One-third octave dB	ΔL One-third octave dB
100	62.0	0.4
125	64.2	2.1
160	67.0	2.4
200	68.6	0.7
250	70.3	1.7
315	70.5	2.5
400	71.7	2.8
500	79.5	1.5
630	75.7	1.9
800	72.4	2.1
1000	72.6	3.9
1250	73.5	6.5
1600	78.9	11.5
2000	78.7	14.4
2500	77.1	16.2
3150	75.8	19.0
4000	72.1	22.5
5000	68.5	23.5

● Bare 140mm concrete slab ● 3-5mm of Acoustibond, 10mm porcelain tiles

Ln,w 72dB

Ln,w 61dB

Acoustic Improvement ΔLw 11dB

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