

Product Summary

Part 1 : Dimensions

Width	190	mm
Length	1900	mm
Total Thickness	14	mm
Oak Veneer	2mm	mm
Boards Per Box	6	planks
Nested Planks	25%	planks
Box Size	2.166	sqm

Part 2 : General Data

Veneer Origin	European Oak
Core Type	8 Layers of Cross-Bonded Eucalyptus & Birch
Surface Coating	9 - 12 Coats Lacquer, UV-Cured
Installation System	5G Click System
Installation Method & Adhesives	Floating (5G Click) Full Trowel Glue-Down
Profile & Edging	Micro-Bevel Edge
Surface Finish	Matte, Light Wire Brushed
Box Weight	21kg
Packs Per Pallet	55
Pattern Repeat	None, Real Timber
Slip Rating Classification	P3

Lacquer Finish	<p>EverGuard™ Protection, developed with Teknos Treffert Parquet Lacquer, each board with 9 - 11 Coats, utilising 6 types of lacquer:</p> <ul style="list-style-type: none"> ◆ UV PU Primer Base Coat ◆ UV Transparent Sealer Base Coat ◆ UV Anti Scratch Sealer Base Coat ◆ UV Sealer Low Gloss Base Coat ◆ UV Super Matt Top Coat
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Part 3 : Timber Grading

Timber Grade	Natural Standard Grade (ABCD)
Filled Defects	Allowed
Sapwood	Included
Filler Colour	Lighter Colours: Close Match Filler (slightly darker than floor colour) Darker Colours: Brown Filler (slightly darker than floor colour)
Maximum Size of Knots	40mm
Heart / Pith	Trace
End Checks	Filled
Insect Damage	Filled
Ingrown Bark	Not Allowed
Timber Variation	As a natural timber product, colour variation and pattern variations are to be expected, and may vary slightly batch-to-batch. Timber is also photo-sensitive, meaning colour and appearance may change slightly over time with exposure to natural light. Timber may also “check” and show minor surface splits / cracks over time based on environmental changes. Our WoodTop 14/2mm 5G Click floor is ABCD grade, the most natural and popular grade that showcases the beauty and variations of natural timber.

Part 4 : Warranty

General Residential	20 (Refer to Warranty Guidelines)	Years
Light Commercial	5 (Refer to Warranty Guidelines)	Years

Part 5: Fire Test (AS ISO 9239.1-2003)

TEST REPORT

Client : Everfloor
2A 87 Allingham Street
Condell Park NSW 2200

Test Number : 25-000968
Issue Date : 16/04/2025
Print Date : 16/04/2025

AS ISO 9239.1-2003

Reaction to Fire Tests for Floorings. Determination of the Burning Behaviour using a Radiant Heat Source

Date of Sample Arrival 18-03-2025

Date Tested 16-04-2025

CHF Value	1	2	3	Mean
Length	3.7	4.0	4.5	4.1 kW/m ²
Width	3.9	-	-	- kW/m ²
HF-30 Value	1	2	3	Mean
Length	3.7	4.4	-	- kW/m ²
Width	4.2	-	-	- kW/m ²
Smoke Value	1	2	3	Mean
Length	36	12	19	22 %.min
Width	29	-	-	- %.min

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76059

Page 2 of 3

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Accredited for compliance with ISO/IEC 17025 - Testing
Accreditation Numbers: 983, 985, and 1356

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Fiona McDonald
APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

0204/11/06

Part 6 : Wet Pendulum Slip Test (AS 4586-2013)

TEST REPORT

Client : Everfloor
2A 87 Allingham Street
Condell Park NSW 2200

Test Number : 25-000868
Issue Date : 2/04/2025
Print Date : 2/04/2025

AS 4586-2013
Appendix A

Slip Resistance Classification of new Pedestrian Surface Materials
Wet Pendulum Test Method

Date of Testing 02-04-2025
Operator AWTA Test Operator 14
Test Temperature (20±5degC) 22 °C

Specimens Washed with pH Neutral Detergent then Dried

Test Direction Length
Fixed/Unfixed Unfixed

Slider No 96 Batch No 33

Length	1	2	3	4	5	SRV
British Pendulum number	46	44	40	40	47	43

Classification P3

Equipment: Cooper Pendulum Skid Tester Serial No: 1433-01 Calibrated 11/10/2023
Slider prepared using P400 and 3µm lapping film.

These results apply only to the specimens tested and it is recommended that before selection of flooring or paving materials the effect of service conditions, including maintenance and wear on their slip resistance be checked.



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Fiona McDonald
APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

Part 7: Acoustic Test (14mm Engineered + 2mm EVERQUIET IXPE Underlay)

System Tested	L'_{nTw} ³	FIIC ^{4,5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	55	49	3
14mm Engineered + 2mm Everquiet IXPE Underlay	42	67	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS



Date of Test : Tuesday, 29 March 2022
 Project No. : 3523
 Testing Company : Koikas Acoustics
 Checked by : Nick Koikas
 Place of Test : Residential apartments in Sydney, NSW
 Client : Everfloor / EverQuiet
 Client Address : -

Description of Floor System	Name	Thickness (mm)	Density (kg/m³)
14 mm engineered flooring		14	--
2 mm EverQuiet IXPE underlay		2	--
Concrete slab		180-200	--
Suspended ceiling		80-150	--

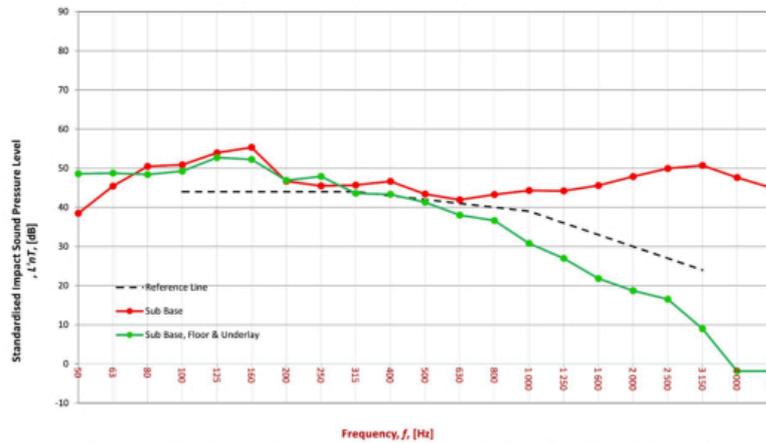
Room Dimensions: Width: 5 m, Length: 8 m, Area: 40.00 m²

Sample Dimensions: Width: 1 m, Length: 1 m, Area: 1 m²

Receiver Rm	Location	Width	Length	Area	Height	Volume
2	Bedroom/Dining/Living directly	5	8	40.00	2.7	108.00

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

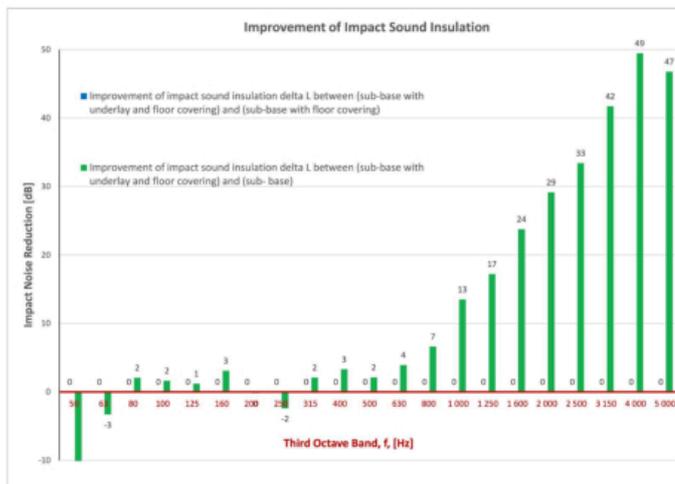
Frequency f [Hz]	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	48.6
63	45.4	N/A	48.8
80	50.4	N/A	48.4
100	50.9	N/A	49.2
125	53.9	N/A	52.7
160	55.3	N/A	52.2
200	46.7	N/A	46.9
250	45.5	N/A	47.9
315	45.7	N/A	43.6
400	46.6	N/A	43.3
500	43.4	N/A	41.3
630	41.9	N/A	38.0
800	43.3	N/A	36.6
1000	44.3	N/A	30.8
1250	44.2	N/A	27.0
1600	45.6	N/A	21.8
2000	47.9	N/A	18.7
2500	49.9	N/A	16.5
3150	50.7	N/A	9.0
4000	47.6	N/A	-1.9
5000	44.9	N/A	-1.8



Sub Base		
L'nT,w	55	AS ISO 717.2 - 2004
CI	-9	AS ISO 717.2 - 2004
CI(50-2500)	-9	AS ISO 717.2 - 2004
CI(63-2000)	-9	AS ISO 717.2 - 2004
AAAC★	3 Star	AAAC Guideline
FIIC	49	ASTM E1007-14

Sub Base & Floor		
L'nT,w	N/A	AS ISO 717.2 - 2004
CI	N/A	AS ISO 717.2 - 2004
CI(50-2500)	N/A	AS ISO 717.2 - 2004
CI(63-2000)	N/A	AS ISO 717.2 - 2004
AAAC★	N/A	AAAC Guideline
FIIC	N/A	ASTM E1007-14

Sub Base, Floor & Underlay		
L'nT,w	42	AS ISO 717.2 - 2004
CI	1	AS ISO 717.2 - 2004
CI(50-2500)	2	AS ISO 717.2 - 2004
CI(63-2000)	2	AS ISO 717.2 - 2004
AAAC★	5 Star	AAAC Guideline
FIIC	67	ASTM E1007-14



Definitions of Noise Metrics

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L'nT,w: The Weighted Standardised Impact Sound Pressure Level when measured in situ referenced to a reverberation time (RT60) of 0.5 seconds. Used by the AAAC to determine their respective Star Rating.

CI: Spectrum adaption term is a low frequency correction factor. Typically for massive floors such as concrete, the values are about zero while for timber joist floors CI is positive because of the low resonant frequencies. Considers frequency range between 100- and 2500 Hz.

CI(50-2500): Same as above, but for the frequency range 50 -2500 Hz.

CI(125-2000): Same as above, but for the frequency range 125 -2000 Hz.

AAAC Star R.	2	3	4	5	6
L'nT,w	65	55	50	45	40
FIIC	45	55	60	65	70
Comments	Below BCA B2	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

Acoustic test results provided are only indicative of acoustic performance and are site specific, so outcomes may vary from building to building. Everfloor provides this information for guidance and indicative purposes only and does not guarantee any specific acoustic outcome. Indicative testing has been completed by acoustic engineers according to AS/NZS ISO 140.7:2006 and the rating has been determined as per AS ISO 717.2:2004.

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Part 7: Acoustic Test (14mm Engineered + 3mm EVERQUIET IXPE Underlay)

System Tested	L _{nT,w} ³	FIIC ^{4,5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	55	49	3
14mm Engineered + 3mm Everquiet IXPE Underlay	43	63	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS



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 Checked by : Nick Koikas
 Place of Test : Residential apartments in Sydney, NSW
 Client : Everfloor / EverQuiet
 Client Address : -

Description of Floor System	Name	Thickness (mm)	Density (kg/m ³)
14 mm engineered flooring	14 mm engineered flooring	14	--
3 mm EverQuiet IXPE underlay	3 mm EverQuiet IXPE underlay	3	--
Concrete slab	Concrete slab	180-200	--
Suspended ceiling	Suspended ceiling	80-150	--

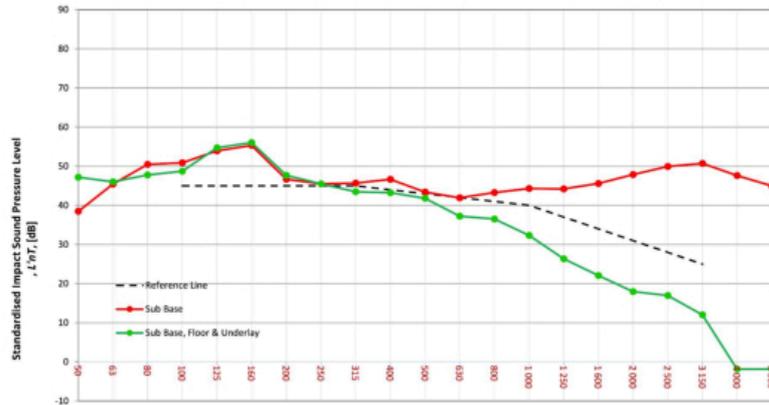
Room Dimensions: Width: 5 m, Length: 8 m, Area: 40.00 m²

Sample Dimensions: Width: 1 m, Length: 1 m, Area: 1 m²

Receiver Rm	Location	Width	Length	Area	Height	Volume
2	Bedroom/Dining/Living directly	5	8	40.00	2.7	108.00

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

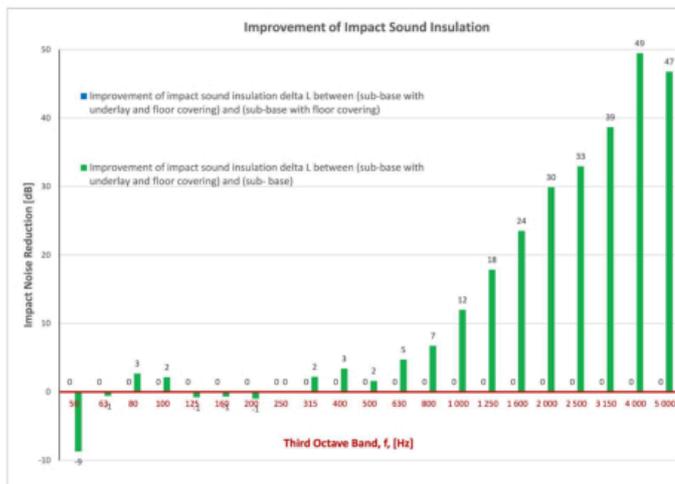
Frequency f [Hz]	L _{nT} (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	47.2
63	45.4	N/A	46.0
80	50.4	N/A	47.8
100	50.9	N/A	48.7
125	53.9	N/A	54.7
160	55.3	N/A	56.0
200	46.7	N/A	47.7
250	45.5	N/A	45.5
315	45.7	N/A	43.5
400	46.6	N/A	43.2
500	43.4	N/A	41.8
630	41.9	N/A	37.2
800	43.3	N/A	36.5
1000	44.3	N/A	32.3
1250	44.2	N/A	26.3
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2500	49.9	N/A	17.0
3150	50.7	N/A	12.0
4000	47.6	N/A	-1.9
5000	44.9	N/A	-1.8



Sub Base	
L _{nT,w}	55
CI	-9
CI(50-2500)	-9
CI(63-2000)	-9
AAAC	3 Star
FIIC	49

Sub Base & Floor	
L _{nT,w}	N/A
CI	N/A
CI(50-2500)	N/A
CI(63-2000)	N/A
AAAC	5 Star
FIIC	N/A

Sub Base, Floor & Underlay	
L _{nT,w}	43
CI	2
CI(50-2500)	2
CI(63-2000)	2
AAAC	5 Star
FIIC	63



Definitions of Noise Metrics

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CI(125-2000): Same as above, but for the frequency range 125 -2000 Hz.

AAAC Star R.	2	3	4	5	6
L _{nT,w}	65	55	50	45	40
FIIC	45	55	60	65	70
Comments	Below BCA B2	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

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Part 7: Acoustic Test (14mm Engineered + EQ312 3mm Rubber Underlay)

System Tested	L'_{nTw} ³	FIIC ^{4,5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	55	49	3
14mm Engineered +EQ312 3mm Rubber Underlay	43	63	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS



Date of Test : Tuesday, 29 March 2022
 Project No. : 3523
 Testing Company : Koikas Acoustics
 Checked by : Nick Koikas
 Place of Test : Residential apartments in Sydney, NSW
 Client : Everfloor / EverQuiet
 Client Address : -

Description of Floor System	Name	Thickness (mm)	Density (kg/m ³)
14 mm engineered flooring	14 mm engineered flooring	14	--
3 mm EverQuiet Rubber EQ312 underlay	3 mm EverQuiet Rubber EQ312 underlay	3	--
Concrete slab	Concrete slab	180-200	--
Suspended ceiling	Suspended ceiling	80-150	--

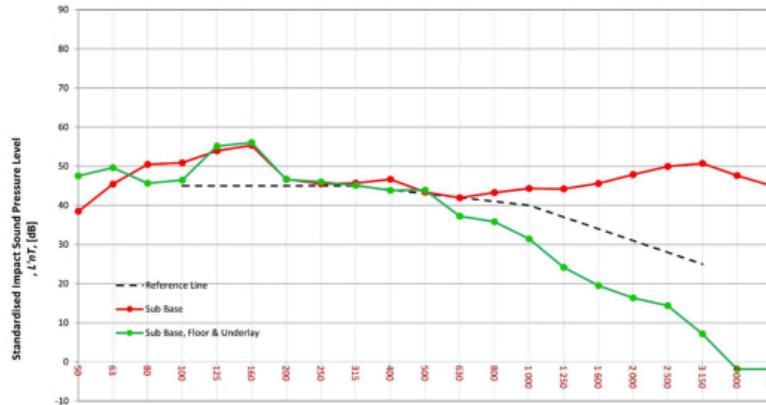
Room Dimensions: Width: 5 m, Length: 8 m, Area: 40.00 m²

Sample Dimensions: Width: 1 m, Length: 1 m, Area: 1 m²

Receiver Rm	Location	Width	Length	Area	Height	Volume
2	Bedroom/Dining/Living directly	5	8	40.00	2.7	108.00

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

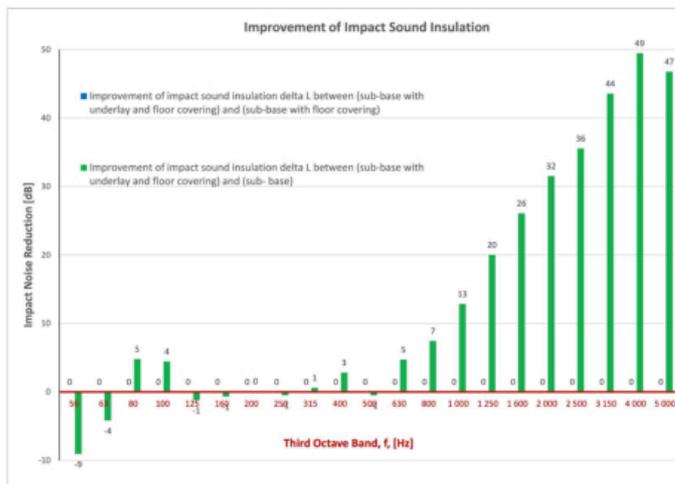
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	Sub Base	Sub Base Floor	Sub Base Floor Underlay
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63	45.4	N/A	49.6
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100	50.9	N/A	46.4
125	53.9	N/A	55.1
160	55.3	N/A	56.0
200	46.7	N/A	46.6
250	45.5	N/A	46.0
315	45.7	N/A	45.1
400	46.6	N/A	43.8
500	43.4	N/A	43.9
630	41.9	N/A	37.2
800	43.3	N/A	35.8
1 000	44.3	N/A	31.5
1 250	44.2	N/A	24.2
1 600	45.6	N/A	19.5
2 000	47.9	N/A	16.3
2 500	49.9	N/A	14.4
3 150	50.7	N/A	7.1
4 000	47.6	N/A	-1.9
5 000	44.9	N/A	-1.8



Sub Base	
L'nT,w	55
CI	-9
CI(50-2500)	-9
CI(63-2000)	-9
AAAC	3 Star
FIIC	49

Sub Base & Floor	
L'nT,w	N/A
CI	N/A
CI(50-2500)	N/A
CI(63-2000)	N/A
AAAC	5 Star
FIIC	N/A

Sub Base, Floor & Underlay	
L'nT,w	43
CI	2
CI(50-2500)	3
CI(63-2000)	2
AAAC	5 Star
FIIC	63



Definitions of Noise Metrics

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CI(125-2000): Same as above, but for the frequency range 125 -2000 Hz.

AAAC Star R.	2	3	4	5	6
L'nT,w	65	55	50	45	40
FIIC	45	55	60	65	70
Comments	Below BCA B2	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

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Part 7: Acoustic Test (14mm Engineered + EQ512 5mm Rubber Underlay)

System Tested	L'_{nTw} ³	FIIC ^{4,5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	55	49	3
14mm Engineered +EQ512 5mm Rubber Underlay	44	62	5

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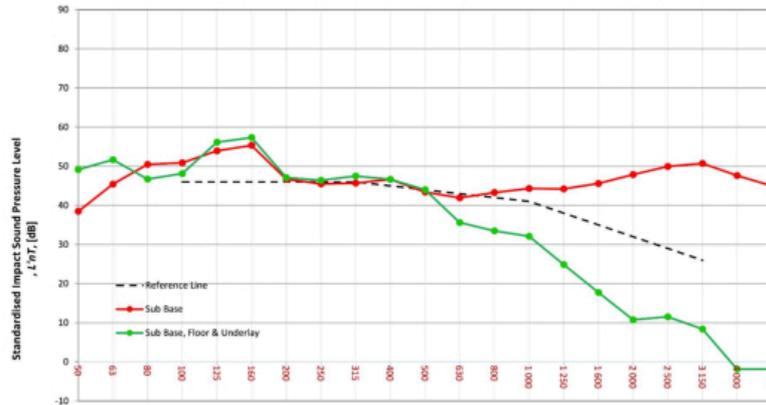
Description of Floor System	Name	Thickness (mm)	Density (kg/m³)
14 mm engineered flooring	14 mm engineered flooring	14	--
5 mm EverQuiet Rubber EQ512 underlay	5 mm EverQuiet Rubber EQ512 underlay	5	--
Concrete slab	Concrete slab	180-200	--
Suspended ceiling	Suspended ceiling	80-150	--

Room Dimensions	Width :	5 m
	Length :	8 m
	Area :	40.00 m²
Sample Dimensions	Width :	1 m
	Length :	1 m
	Area :	1 m²

Receiver Rm	Location	Width	Length	Area	Height	Volume
3	Bed/Dining/Living directly	5	8	40.00	2.7	108.00

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

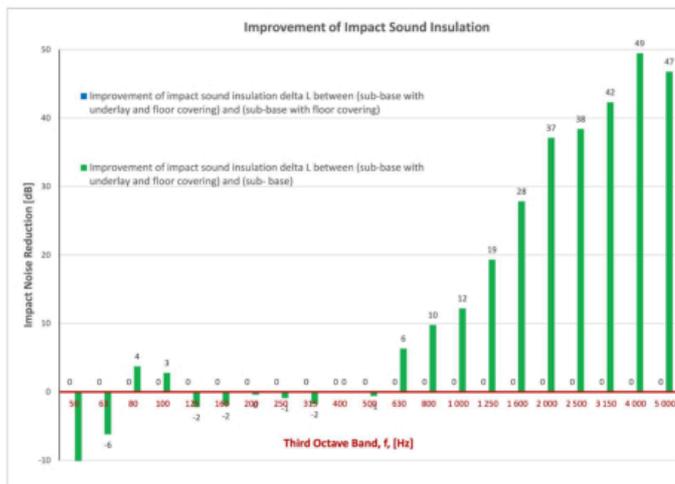
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630	41.9	N/A	35.6
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1 600	45.6	N/A	17.7
2 000	47.9	N/A	10.8
2 500	49.9	N/A	11.5
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4 000	47.6	N/A	-1.9
5 000	44.9	N/A	-1.8



Sub Base	
L'nT,w	55 AS ISO 717.2 - 2004
Ci	-9 AS ISO 717.2 - 2004
Ci(50-2500)	-9 AS ISO 717.2 - 2004
Ci(63-2000)	-9 AS ISO 717.2 - 2004
AAAC★	3 Star AAAC Guideline
FIIC	49 ASTM E1007-14

Sub Base & Floor	
L'nT,w	N/A AS ISO 717.2 - 2004
Ci	N/A AS ISO 717.2 - 2004
Ci(50-2500)	N/A AS ISO 717.2 - 2004
Ci(63-2000)	N/A AS ISO 717.2 - 2004
AAAC★	N/A AAAC Guideline
FIIC	N/A ASTM E1007-14

Sub Base, Floor & Underlay	
L'nT,w	44 AS ISO 717.2 - 2004
Ci	2 AS ISO 717.2 - 2004
Ci(50-2500)	3 AS ISO 717.2 - 2004
Ci(63-2000)	3 AS ISO 717.2 - 2004
AAAC★	5 Star AAAC Guideline
FIIC	62 ASTM E1007-14



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Part 7: Acoustic Test (14mm Engineered + EQ515 5mm Rubber Underlay)

System Tested	$L'_{nT,w}$ ³	FIIC ^{4,5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	55	49	3
14mm Engineered + EQ515 5mm Rubber Underlay	43	63	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS



Date of Test: Tuesday, 29 March 2022
 Project No.: 3523
 Testing Company: Koikas Acoustics
 Checked by: Nick Koikas
 Place of Test: Residential apartments in Sydney, NSW
 Client: Everfloor / EverQuiet
 Client Address: -

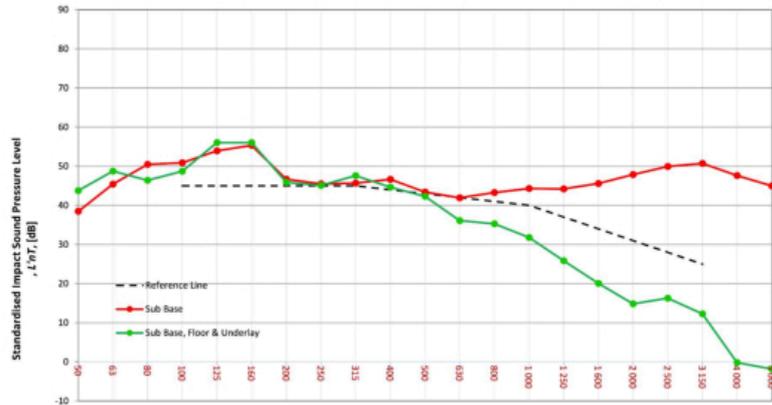
Description of Floor System	Name	Thickness (mm)	Density (kg/m³)
14 mm engineered flooring	14 mm engineered flooring	14	--
5 mm EverQuiet Rubber EQ515 underlay	5 mm EverQuiet Rubber EQ515 underlay	5	--
Concrete slab	Concrete slab	180-200	--
Suspended ceiling	Suspended ceiling	80-150	--

Room Dimensions	Width	Length	Area
Room	5 m	8 m	40.00 m²
Sample Dimensions	1 m	1 m	1 m²

Receiver Rm	Location	Width	Length	Area	Height	Volume
Reception/Dining/Living directly	Reception/Dining/Living directly	5	8	40.00	2.7	108.00

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

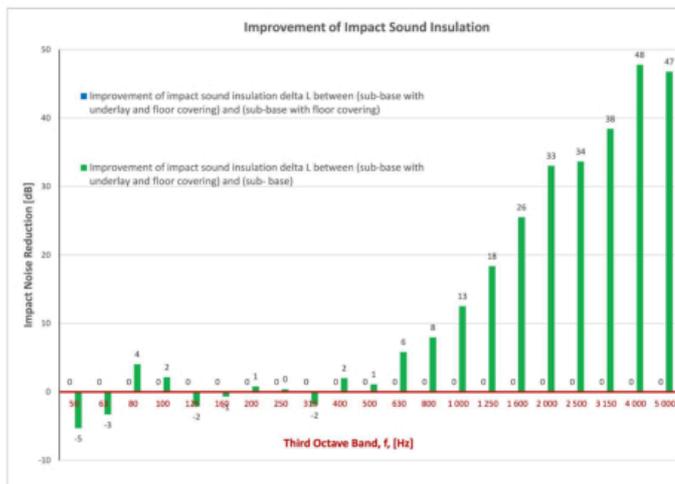
Frequency f [Hz]	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	43.8
63	45.4	N/A	48.8
80	50.4	N/A	46.4
100	50.9	N/A	48.7
125	53.9	N/A	56.0
160	55.3	N/A	56.0
200	46.7	N/A	45.9
250	45.5	N/A	45.1
315	45.7	N/A	47.6
400	46.6	N/A	44.6
500	43.4	N/A	42.3
630	41.9	N/A	36.1
800	43.3	N/A	35.3
1000	44.3	N/A	31.8
1250	44.2	N/A	25.8
1600	45.6	N/A	20.1
2000	47.9	N/A	14.8
2500	49.9	N/A	16.3
3150	50.7	N/A	12.3
4000	47.6	N/A	-0.2
5000	44.9	N/A	-1.8



Sub Base	
L'nT,w	55
CI	-9
CI(50-2500)	-9
CI(63-2000)	-9
AAAC	3 Star
FIIC	49

Sub Base & Floor	
L'nT,w	N/A
CI	N/A
CI(50-2500)	N/A
CI(63-2000)	N/A
AAAC	5 Star
FIIC	N/A

Sub Base, Floor & Underlay	
L'nT,w	43
CI	2
CI(50-2500)	3
CI(63-2000)	3
AAAC	5 Star
FIIC	63



Definitions of Noise Metrics

FIIC:
Field Impact Insulation Class is a single-number rating of how well a floor system attenuates impact type sounds, such as footsteps. Calculated from third-octave band normalised impact sound pressure level data and referenced to 10 m² as described in ASTM E989. The higher the single-number rating, the better its impact insulation performance.

L'nT,w:
The Weighted Standardised Impact Sound Pressure Level when measured in situ referenced to a reverberation time (RT60) of 0.5 seconds. Used by the AAAC to determine their respective Star Rating.

CI:
Spectrum adaption term is a low frequency correction factor. Typically for massive floors such as concrete, the values are about zero while for timber joist floors CI is positive because of the low resonant frequencies. Considers frequency range between 100- and 2500 Hz.

CI(50-2500):
Same as above, but for the frequency range 50 -2500 Hz.

CI(125-2000):
Same as above, but for the frequency range 125 -2000 Hz.

AAAC Star R.	2	3	4	5	6
L'nT,w	65	55	50	45	40
FIIC	45	55	60	65	70
Comments	Below BCA B2	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

Acoustic test results provided are only indicative of acoustic performance and are site specific, so outcomes may vary from building to building. Everfloor provides this information for guidance and indicative purposes only and does not guarantee any specific acoustic outcome. Indicative testing has been completed by acoustic engineers according to AS/NZS ISO 140.7:2006 and the rating has been determined as per AS ISO 717.2:2004.

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Part 7: Acoustic Test (14mm Engineered + EQ1012 10mm Rubber Underlay)

System Tested	$L'_{nT,w}$ ³	FIIC ^{4,5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	55	49	3
14mm Engineered + EQ1012 10mm Rubber Underlay	44	63	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS



Date of Test : Tuesday, 29 March 2022
 Project No. : 3523
 Testing Company : Koikas Acoustics
 Checked by : Nick Koikas
 Place of Test : Residential apartments in Sydney, NSW
 Client : Everfloor / EverQuiet
 Client Address : -

Description of Floor System	Name	Thickness (mm)	Density (kg/m ³)
14 mm engineered flooring	14 mm Engineered Oak	14	--
10 mm EverQuiet Rubber EQ1012 underlay	10 mm EverQuiet Rubber EQ1012 underlay	10	--
Concrete slab	Concrete slab	180-200	--
Suspended ceiling	Suspended ceiling	80-150	--

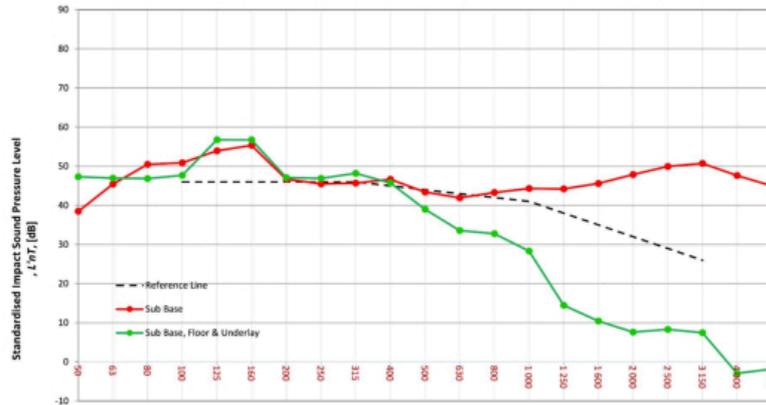
Room Dimensions: Width: 5 m, Length: 8 m, Area: 40.00 m²

Sample Dimensions: Width: 1 m, Length: 1 m, Area: 1 m²

Receiver Rm	Location	Width	Length	Area	Height	Volume
2	Bedroom/Dining/Living directly	5	8	40.00	2.7	108.00

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

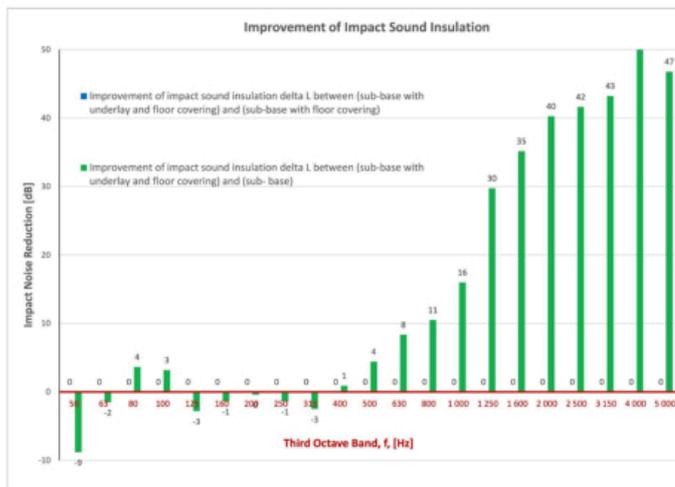
Frequency f [Hz]	L _{nT} (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	47.3
63	45.4	N/A	47.0
80	50.4	N/A	46.8
100	50.9	N/A	47.7
125	53.9	N/A	56.7
160	55.3	N/A	56.7
200	46.7	N/A	47.1
250	45.5	N/A	46.9
315	45.7	N/A	48.2
400	46.6	N/A	45.7
500	43.4	N/A	39.0
630	41.9	N/A	33.6
800	43.3	N/A	32.8
1000	44.3	N/A	28.3
1250	44.2	N/A	14.4
1600	45.6	N/A	10.4
2000	47.9	N/A	7.6
2500	49.9	N/A	8.3
3150	50.7	N/A	7.5
4000	47.6	N/A	-2.9
5000	44.9	N/A	-1.8



Sub Base	
L _{nT,w}	55
C _i	-9
C _i (50-2500)	-9
C _i (63-2000)	-9
AAAC	3 Star
FIIC	49

Sub Base & Floor	
L _{nT,w}	N/A
C _i	N/A
C _i (50-2500)	N/A
C _i (63-2000)	N/A
AAAC	5 Star
FIIC	N/A

Sub Base, Floor & Underlay	
L _{nT,w}	44
C _i	2
C _i (50-2500)	2
C _i (63-2000)	2
AAAC	5 Star
FIIC	63



Definitions of Noise Metrics

FIIC: Field Impact Insulation Class is a single-number rating of how well a floor system attenuates impact type sounds, such as footsteps. Calculated from third-octave band normalised impact sound pressure level data and referenced to 10 m² as described in ASTM E989. The higher the single-number rating, the better its impact insulation performance.

L_{nT,w}: The Weighted Standardised Impact Sound Pressure Level when measured in situ referenced to a reverberation time (RT60) of 0.5 seconds. Used by the AAAC to determine their respective Star Rating.

C_i: Spectrum adaption term is a low frequency correction factor. Typically for massive floors such as concrete, the values are about zero while for timber joist floors C_i is positive because of the low resonant frequencies. Considers frequency range between 100- and 2500 Hz.

C_i(50-2500): Same as above, but for the frequency range 50 -2500 Hz.

C_i(125-2000): Same as above, but for the frequency range 125 -2000 Hz.

AAAC Star R.	2	3	4	5	6
L _{nT,w}	65	55	50	45	40
FIIC	45	55	60	65	70
Comments	Below BCA B2	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

Acoustic test results provided are only indicative of acoustic performance and are site specific, so outcomes may vary from building to building. Everfloor provides this information for guidance and indicative purposes only and does not guarantee any specific acoustic outcome. Indicative testing has been completed by acoustic engineers according to AS/NZS ISO 140.7:2006 and the rating has been determined as per AS ISO 717.2-2004.

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Part 7: Acoustic Test (14mm Engineered + EQW512 5mm Rubber Wavy Underlay)

System Tested	L'_{nTw} ³	FIIC ^{4,5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	55	49	3
14mm Engineered + EQW512 5mm Rubber Wavy Underlay	42	64	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS



Date of Test : Tuesday, 29 March 2022
 Project No. : 3523
 Testing Company : Koikas Acoustics
 Checked by : Nick Koikas
 Place of Test : Residential apartments in Sydney, NSW
 Client : Everfloor / EverQuiet
 Client Address : -

Description of Floor System	Name	Thickness (mm)	Density (kg/m ³)
14 mm engineered flooring	14 mm engineered flooring	14	--
5 mm EverQuiet Rubber Wavy EQW512 underlay	5 mm EverQuiet Rubber Wavy EQW512 underlay	5	--
Concrete slab	Concrete slab	180-200	--
Suspended ceiling	Suspended ceiling	80-150	--

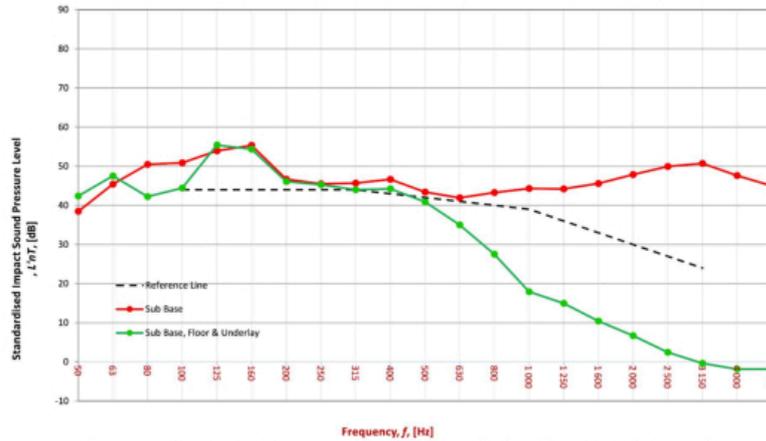
Room Dimensions: Width: 5 m, Length: 8 m, Area: 40.00 m²

Sample Dimensions: Width: 1 m, Length: 1 m, Area: 1 m²

Receiver Rm	Location	Width	Length	Area	Height	Volume
2	Bed/Dining/Living directly	5	8	40.00	2.7	108.00

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

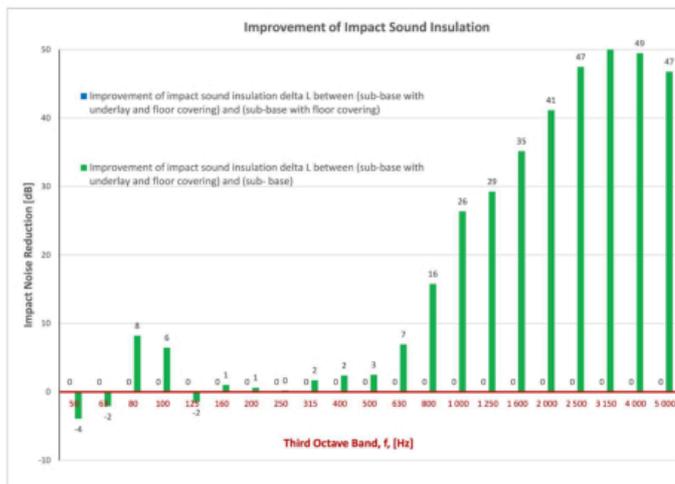
Frequency f [Hz]	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	42.4
63	45.4	N/A	47.5
80	50.4	N/A	42.2
100	50.9	N/A	44.4
125	53.9	N/A	55.4
160	55.3	N/A	54.3
200	46.7	N/A	46.1
250	45.5	N/A	45.3
315	45.7	N/A	44.0
400	46.6	N/A	44.2
500	43.4	N/A	40.9
630	41.9	N/A	35.0
800	43.3	N/A	27.5
1000	44.3	N/A	17.9
1250	44.2	N/A	15.0
1600	45.6	N/A	10.4
2000	47.9	N/A	6.7
2500	49.9	N/A	2.5
3150	50.7	N/A	-0.4
4000	47.6	N/A	-1.9
5000	44.9	N/A	-1.8



Sub Base	
L'nT,w	55
CI	-9
CI(50-2500)	-9
CI(63-2000)	-9
AAAC	3 Star
FIIC	49

Sub Base & Floor	
L'nT,w	N/A
CI	N/A
CI(50-2500)	N/A
CI(63-2000)	N/A
AAAC	5 Star
FIIC	N/A

Sub Base, Floor & Underlay	
L'nT,w	42
CI	2
CI(50-2500)	2
CI(63-2000)	2
AAAC	5 Star
FIIC	64



Definitions of Noise Metrics

FIIC: Field Impact Insulation Class is a single-number rating of how well a floor system attenuates impact type sounds, such as footsteps. Calculated from third-octave band normalised impact sound pressure level data and referenced to 10 m² as described in ASTM E989. The higher the single-number rating, the better its impact insulation performance.

L'nT,w: The Weighted Standardised Impact Sound Pressure Level when measured in situ referenced to a reverberation time (RT60) of 0.5 seconds. Used by the AAAC to determine their respective Star Rating.

CI: Spectrum adaption term is a low frequency correction factor. Typically for massive floors such as concrete, the values are about zero while for timber joist floors CI is positive because of the low resonant frequencies. Considers frequency range between 100- and 2500 Hz.

CI(50-2500): Same as above, but for the frequency range 50 -2500 Hz.

CI(125-2000): Same as above, but for the frequency range 125 -2000 Hz.

AAAC Star R.	2	3	4	5	6
L'nT,w	65	55	50	45	40
FIIC	45	55	60	65	70
Comments	Below BCA B2	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

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Part 7: Acoustic Test (14mm Engineered + EQW512 5mm Rubber Wavy Underlay + 2mm EVERQUIET IXPE Underlay)

System Tested	$L'_{nT,w}$ ³	FIIC ^{4,5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	55	49	3
14mm Engineered + EQW512 5mm Rubber Wavy Underlay + 2mm EVERQUIET IXPE	43	63	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS



Date of Test : Tuesday, 29 March 2022
 Project No. : 3523
 Testing Company : Koikas Acoustics
 Checked by : Nick Koikas
 Place of Test : Residential apartments in Sydney, NSW
 Client : Everfloor / EverQuiet
 Client Address : -

Description of Floor System	Thickness (mm)	Density (SI)
14 mm engineered flooring	14	--
5 mm EverQuiet Rubber Wavy EQW512 + 2 mm EverQuiet IXPE	7	--
Concrete slab	180-200	--
Suspended ceiling	80-150	--

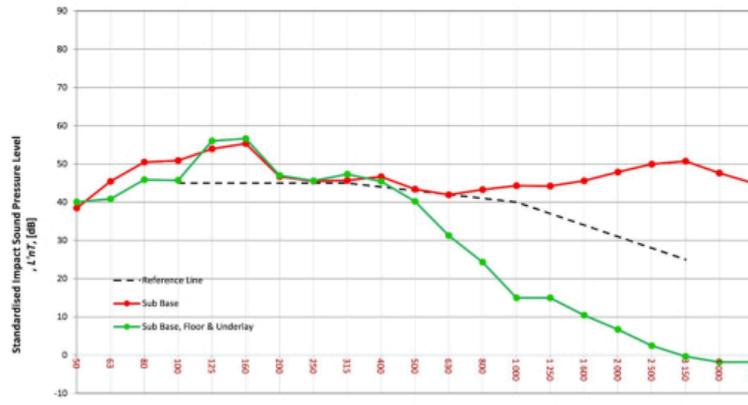
Room Dimensions: Width: 5 m, Length: 8 m, Area: 40.00 m²

Sample Dimensions: Width: 1 m, Length: 1 m, Area: 1 m²

Receiver Rm	Location	Width	Length	Area	Height	Volume
2	br/Dining/Living directly i	5	8	40.00	2.7	108.00

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

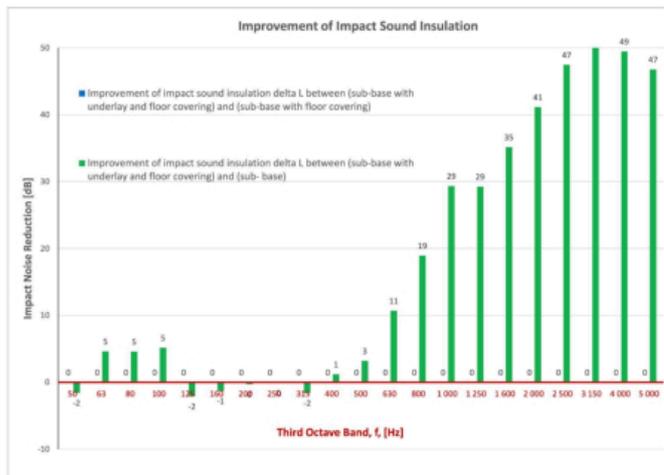
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	40.1
63	45.4	N/A	40.8
80	50.4	N/A	45.9
100	50.9	N/A	45.7
125	53.9	N/A	56.0
160	55.3	N/A	56.6
200	46.7	N/A	47.0
250	45.5	N/A	45.6
315	45.7	N/A	47.3
400	46.6	N/A	45.4
500	43.4	N/A	40.2
630	41.9	N/A	31.2
800	43.3	N/A	24.3
1 000	44.3	N/A	14.9
1 250	44.2	N/A	15.0
1 600	45.6	N/A	10.4
2 000	47.9	N/A	6.7
2 500	49.9	N/A	2.5
3 150	50.7	N/A	-0.4
4 000	47.6	N/A	-1.9
5 000	44.9	N/A	-1.8



Sub Base		
L'nT,w	55	AS ISO 717.2 - 2004
CI	-9	AS ISO 717.2 - 2004
CI(50-2500)	-9	AS ISO 717.2 - 2004
CI(63-2000)	-9	AS ISO 717.2 - 2004
AAAC★	3 Star	AAAC Guideline
FIIC	49	ASTM E1007-14

Sub Base & Floor		
L'nT,w	N/A	AS ISO 717.2 - 2004
CI	N/A	AS ISO 717.2 - 2004
CI(50-2500)	N/A	AS ISO 717.2 - 2004
CI(63-2000)	N/A	AS ISO 717.2 - 2004
AAAC★	N/A	AAAC Guideline
FIIC	N/A	ASTM E1007-14

Sub Base, Floor & Underlay		
L'nT,w	43	AS ISO 717.2 - 2004
CI	2	AS ISO 717.2 - 2004
CI(50-2500)	3	AS ISO 717.2 - 2004
CI(63-2000)	3	AS ISO 717.2 - 2004
AAAC★	5 Star	AAAC Guideline
FIIC	63	ASTM E1007-14



Definitions of Noise Metrics

FIIC: Field Impact Insulation Class is a single-number rating of how well a floor system attenuates impact type sounds, such as footsteps. Calculated from third-octave band normalised impact sound pressure level data and referenced to 10 m² as described in ASTM E989. The higher the single-number rating, the better its impact insulation performance.

L'nT,w: The Weighted Standardised Impact Sound Pressure Level when measured in situ referenced to a reverberation time (RT60) of 0.5 seconds. Used by the AAAC to determine their respective Star Ratings.

CI: Spectrum adaption term is a low frequency correction factor. Typically for massive floors such as concrete, the values are about zero while for timber joist floors CI is positive because of the low resonant frequencies. Considers frequency range between 100 -and 2500 Hz.

CI(50-2500): Same as above, but for the frequency range 50 -2500 Hz.

CI(125-2000): Same as above, but for the frequency range 125 -2000 Hz.

AAAC Star R.	2	3	4	5	6
L'nT,w	65	55	50	45	40
FIIC	45	55	60	65	70
Comments	Below BCA 62	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

Acoustic test results provided are only indicative of acoustic performance and are site specific, so outcomes may vary from building to building. Everfloor provides this information for guidance and indicative purposes only and does not guarantee any specific acoustic outcome. Indicative testing has been completed by acoustic engineers according to AS/NZS ISO 140.7:2006 and the rating has been determined as per AS ISO 717.2-2004.

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Part 7: Acoustic Test (14mm Engineered + EQW1012 10mm Rubber Wavy Underlay)

System Tested	L'_{nTw} ³	FIIC ^{4,5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	55	49	3
14mm Engineered + EQW1012 10mm Rubber Wavy Underlay	43	63	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS



Date of Test: Tuesday, 29 March 2022
 Project No.: 3523
 Testing Company: Koikas Acoustics
 Checked by: Nick Koikas
 Place of Test: Residential apartments in Sydney, NSW
 Client: Everfloor / EverQuiet
 Client Address: -

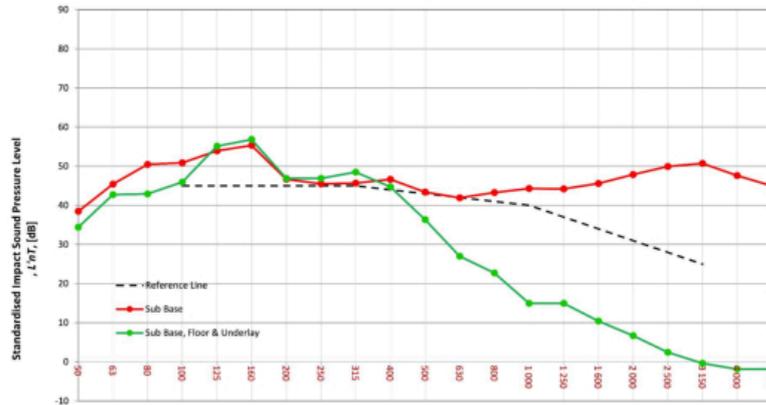
Description of Floor System	Name	Thickness (mm)	Density (kg/m³)
14 mm engineered flooring	14 mm Engineered Oak	14	~700
10 mm EverQuiet Rubber Wavy EQW1012 underlay	EverQuiet EQW1012	10	~1000
Concrete slab	Concrete Slab	180-200	~2400
Suspended ceiling	Suspended Ceiling	80-150	~1000

Room Dimensions	Width:	5 m
	Length:	8 m
	Area:	40.00 m²
Sample Dimensions	Width:	1 m
	Length:	1 m
	Area:	1 m²

Receiver Rm	Location	Width	Length	Area	Height	Volume
2	Bedroom/Dining/Living directly	5	8	40.00	2.7	108.00

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

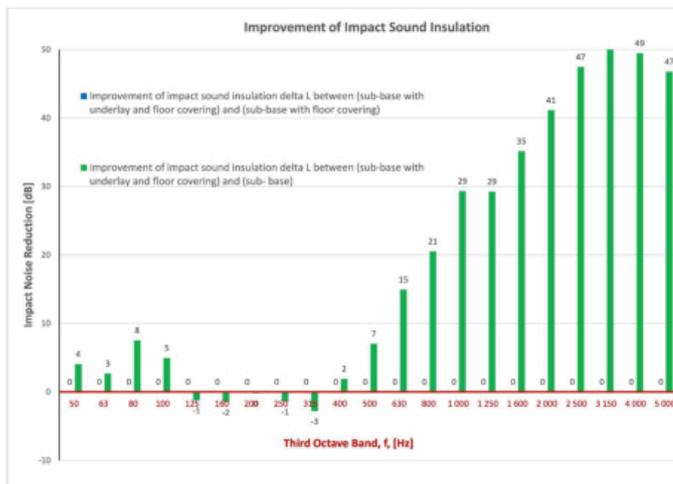
Frequency f [Hz]	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	34.4
63	45.4	N/A	42.7
80	50.4	N/A	42.9
100	50.9	N/A	45.9
125	53.9	N/A	55.1
160	55.3	N/A	56.8
200	46.7	N/A	46.9
250	45.5	N/A	46.9
315	45.7	N/A	48.5
400	46.6	N/A	44.7
500	43.4	N/A	36.4
630	41.9	N/A	27.0
800	43.3	N/A	22.7
1000	44.3	N/A	14.9
1250	44.2	N/A	15.0
1600	45.6	N/A	10.4
2000	47.9	N/A	6.7
2500	49.9	N/A	2.5
3150	50.7	N/A	-0.4
4000	47.6	N/A	-1.9
5000	44.9	N/A	-1.8



Sub Base	
L'nT,w	55
CI	-9
CI(50-2500)	-9
CI(63-2000)	-9
AAAC	3 Star
FIIC	49

Sub Base & Floor	
L'nT,w	N/A
CI	N/A
CI(50-2500)	N/A
CI(63-2000)	N/A
AAAC	5 Star
FIIC	N/A

Sub Base, Floor & Underlay	
L'nT,w	43
CI	2
CI(50-2500)	2
CI(63-2000)	2
AAAC	5 Star
FIIC	63



Definitions of Noise Metrics

FIIC: Field Impact Insulation Class is a single-number rating of how well a floor system attenuates impact type sounds, such as footsteps. Calculated from third-octave band normalised impact sound pressure level data and referenced to 10 m² as described in ASTM E989. The higher the single-number rating, the better its impact insulation performance.

L'nT,w: The Weighted Standardised Impact Sound Pressure Level when measured in situ referenced to a reverberation time (RT60) of 0.5 seconds. Used by the AAAC to determine their respective Star Rating.

CI: Spectrum adaption term is a low frequency correction factor. Typically for massive floors such as concrete, the values are about zero while for timber joist floors CI is positive because of the low resonant frequencies. Considers frequency range between 100- and 2500 Hz.

CI(50-2500): Same as above, but for the frequency range 50 -2500 Hz.

CI(125-2000): Same as above, but for the frequency range 125 -2000 Hz.

AAAC Star R.	2	3	4	5	6
L'nT,w	65	55	50	45	40
FIIC	45	55	60	65	70
Comments	Below BCA 62	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

Acoustic test results provided are only indicative of acoustic performance and are site specific, so outcomes may vary from building to building. Everfloor provides this information for guidance and indicative purposes only and does not guarantee any specific acoustic outcome. Indicative testing has been completed by acoustic engineers according to AS/NZS ISO 140.7:2006 and the rating has been determined as per AS ISO 717.2:2004.

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Part 7: Acoustic Test (14mm Engineered + MS Adhesive (V Notch))

System Tested	L'_{nT_w} ³	FIIC ^{4,5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	54	50	3
14mm Engineered + MS Adhesive (V Notch)	42	68	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS



Date of Test : Thursday, 11 December 2025
 Project No. : 3523
 Testing Company : Koikas Acoustics
 Checked by : James Tsevremantzis
 Place of Test : Residential Unit in Forest Lodge (Living/Dining)
 Client : Everfloor
 Client Address : -

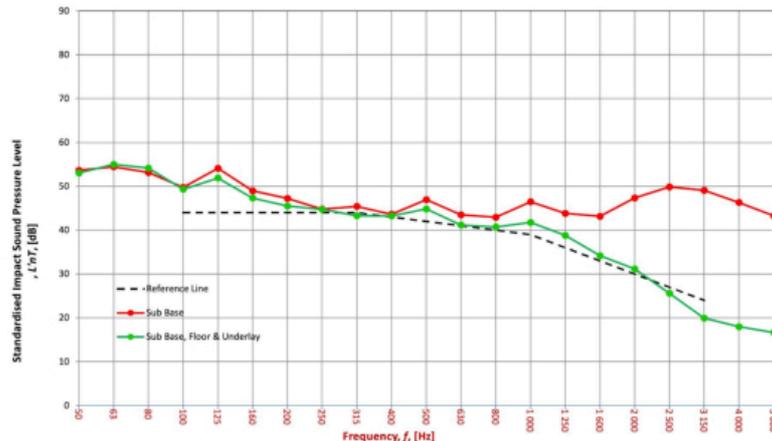
Description of Floor System	Name	Thickness (mm)	Density (kg/m³)
Engineered Timber		14	--
FLOOR+ MS Adhesive (V-Notch)		6	--
Concrete Sub Base		--	--
Suspended Plasterboard Ceiling		--	--

Room Dimensions	Width : 4.4 m
	Length : 8.2 m
	Area : 36.08 m²
Sample Dimensions	Width : 1 m
	Length : 1 m
	Area : 1 m²

Receiver Rm	Location	Width	Length	Area	Height	Volume
Unit below (Living/Dining)		4.4	8.2	36.08	2.7	97.42

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Carpet	Plasterboard

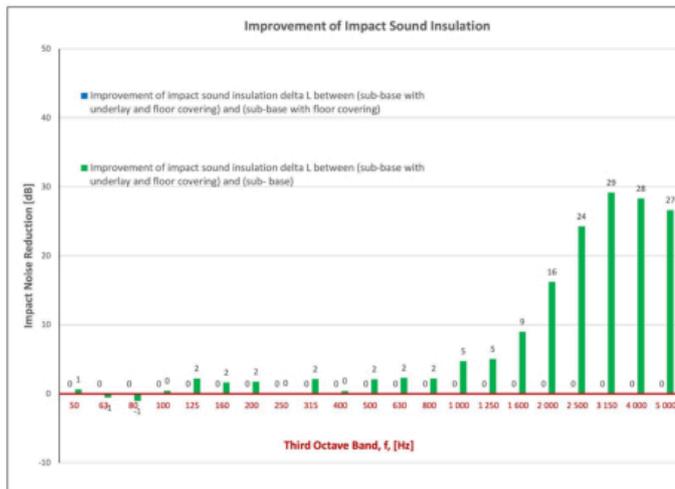
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	53.7	NA	53.0
63	54.5	NA	55.0
80	53.1	NA	54.2
100	49.7	NA	49.3
125	54.1	NA	51.9
160	49.0	NA	47.3
200	47.2	NA	45.5
250	44.8	NA	44.7
315	45.4	NA	43.3
400	43.6	NA	43.2
500	46.9	NA	44.8
630	43.5	NA	41.2
800	42.9	NA	40.7
1000	46.5	NA	41.8
1250	43.8	NA	38.8
1600	43.2	NA	34.2
2000	47.4	NA	31.2
2500	49.9	NA	25.6
3150	49.1	NA	19.9
4000	46.3	NA	18.0
5000	43.3	NA	16.7



Sub Base	
L'nT _w	54
CI	-9
CI(50-2500)	-7
CI(63-2000)	-8
AAAC★	3 Star
FIIC	50

Sub Base & Floor	
L'nT _w	NA
CI	NA
CI(50-2500)	NA
CI(63-2000)	NA
AAAC★	NA
FIIC	NA

Sub Base, Floor & Underlay	
L'nT _w	42
CI	0
CI(50-2500)	4
CI(63-2000)	3
AAAC★	5 Star
FIIC	68



Definitions of Noise Metrics

FIIC: Field Impact Insulation Class is a single-number rating of how well a floor system attenuates impact type sounds, such as footsteps. Calculated from third-octave band normalised impact sound pressure level data and referenced to 10 m² as described in ASTM E989. The higher the single-number rating, the better its impact insulation performance.

L'nT_w: The Weighted Standardised Impact Sound Pressure Level when measured in situ referenced to a reverberation time (RT60) of 0.5 seconds. Used by the AAAC to determine their respective Star Rating.

CI: Spectrum adaption term is a low frequency correction factor. Typically for massive floors such as concrete, the values are about zero while for timber joist floors CI is positive because of the low resonant frequencies. Considers frequency range between 100 -and 2500 Hz.

CI(50-2500): Same as above, but for the frequency range 50 -2500 Hz.

CI(125-2000): Same as above, but for the frequency range 125 -2000 Hz.

AAAC Star R.	2	3	4	5	6
L'nT _w	65	55	50	45	40
FIIC	45	55	60	65	70
Comments	Below ICA 62	Clearly Audible	Audible	Barely Audible	Normally Inaudible

Acoustic test results provided are only indicative of acoustic performance and are site specific, so outcomes may vary from building to building. Everfloor provides this information for guidance and indicative purposes only and does not guarantee any specific acoustic outcome. Indicative testing has been completed by acoustic engineers according to AS/NZS ISO 140.7:2006 and the rating has been determined as per AS ISO 717.2-2004.

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