Technical Summary

Part 1 : Dimensions

Width	136	mm
Length	1900 / 1820 / 1850 / 2100 (Specific length of board is dependent on the batch of timber available)	mm
Total Thickness	14.2	mm
Veneer Thickness	3.2 (Brushing effect may reduce total thickness in certain areas, making veneer between 2.0mm - 2.2mm)	mm
Boards Per Box	5	planks
Box Size	2.0128 or Other (Please confirm with batch in stock)	sqm

Part 2 : General Data

Origin of Timber Veneer	Australia
Janka Hardness	Spotted Gum: 11 (ATFA Classification: Very Hard) Blackbutt: 9.1 (ATFA Classification: Very Hard)
Structure	Australian Timber + Cross Bonded Ply Core (7 Layers)
Surface Lacquer	EverGuard™ Protection, developed with Teknos Treffert Parquet Lacquer, each board with 9 - 11 Coats, utilising 6 types of lacquer: ✦ UV PU Insulation 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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All technical data and testing are based on random sampling and are for indicative purposes only. Version: August 2025

Adhesive	Koyok International KOYOBOND®
Edging	Square Edge or Micro-Bevelled Edging
Finish	Light Brushed, Ultra-Matt
Installation Method	Floating Installation Strip Glue Installation Trowel Glue Installation
Slip Resistance (Wet)	P2 (Reported SRV 36) *Note: Result was P3, but classification was reduced to P2 because two results were less than the mean minus twenty percent.*
Box Weight	21kg (Approximate. Please confirm with the batch in stock.)
Installation Areas	Residential and Commercial

Part 3 : Installation

Floated on Underlay	Yes Suitable with all EverQuiet® Hard Floor Underlay. Please confirm suitability with other underlays with your installer or retailer. A plastic moisture barrier is required under all installations.
Trowel Glue	Yes (3 - 6mm V-notch trowel)
Strip Glue	Yes
Nailed	No
Underfloor Heating	Not Suitable Australian eucalyptus timbers are not recommended over underfloor heating, as they present a greater risk of surface “checking” with changes in temperature. If the customer proceeds to install over underfloor heating, we cannot provide a product warranty to the customer.

Part 4 : Timber Grading Specifications

Timber Grade	Standard
Moisture Content	9 - 11%
Colour Variation	Yes
Filled Defects	Yes
Sapwood	Yes
Heartwood	Yes
Pirth	None
Underfloor Heating	Yes, suitable with hydronic in-slab heating. Please refer to installation instructions.
Filler	Medium Black
Maximum Size of Knots	≈< 25mm Diameter
Gum Veins	Allowed
End Checks	Filled or Removed
Insect Damage	80% Removed, 20% Filled
Ingrown Bark	None

Part 5 : Warranty

General Residential (Structural)	25	Years
Light Commercial (Structural)	5	Years

Part 6: Fire Test

TEST REPORT

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

Test Number : 23-005191
Issue Date : 16/01/2024
Print Date : 20/02/2024

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

Date of Sample Arrival 18-12-2023

Date Tested 16-01-2024

CHF Value	1	2	3	Mean	
Length	6.7	6.7	6.6	6.7	kW/m²
Width	6.9	-	-	-	kW/m²

HF-30 Value	1	2	3	Mean	
Length	7.2	6.7	6.6	6.8	kW/m²
Width	7.6	-	-	-	kW/m²

Smoke Value	1	2	3	Mean	
Length	33	90	30	51	%.min
Width	6	-	-	-	%.min

315916 68468

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

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

AWTA LIMITED

0204/11/06

Fiona McDonald
APPROVED SIGNATORY

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

Part 7 : Slip Test

TEST REPORT

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

Test Number : 23-005193
Issue Date : 8/01/2024
Print Date : 6/03/2024

AS 4586-2013
Appendix A

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

Date of Testing						22-12-2023	
Operator						AWTA Test Operator 14	
Test Temperature (20±5degC)						23	°C
Washed with pH neutral detergent and then dried							
Test Direction						Length	
Fixed/Unfixed						Unfixed	
Slider No 96 Batch No						23	
Length	1	2	3	4	5		SRV
British Pendulum number	22	23	24	23	23		23
Classification						P1	

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.

316832 68472 Page 2 of 2

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Fiona McDonald
APPROVED SIGNATORY

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

Part 8: 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

koikas acoustics PTY LTD

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	-

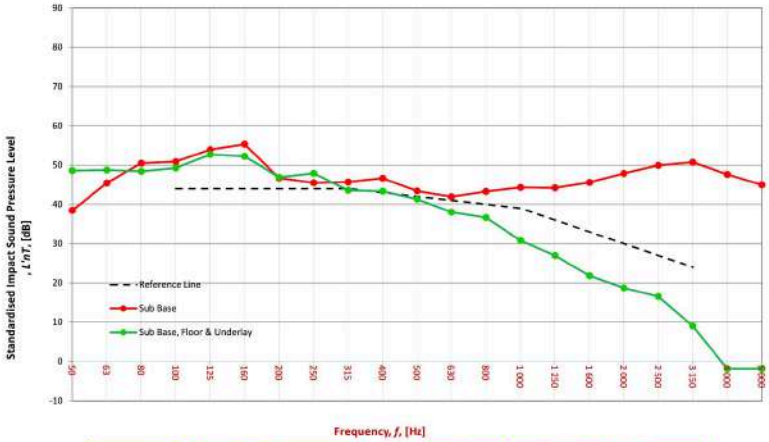
	Name	Thickness (mm)	Density (Si)
Description of Floor System	14 mm engineered flooring	14	--
	2 mm EverQuiet IXPE underlay	2	--
	Concrete slab	180-200	--
	Suspended ceiling	80-150	--

Room Floor Dimensions	Width :	5	m
	Length :	8	m
	Area :	40.00	m^2
Sample Dimensions	Width :	1	m
	Length :	1	m
	Area :	1	m^2

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

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

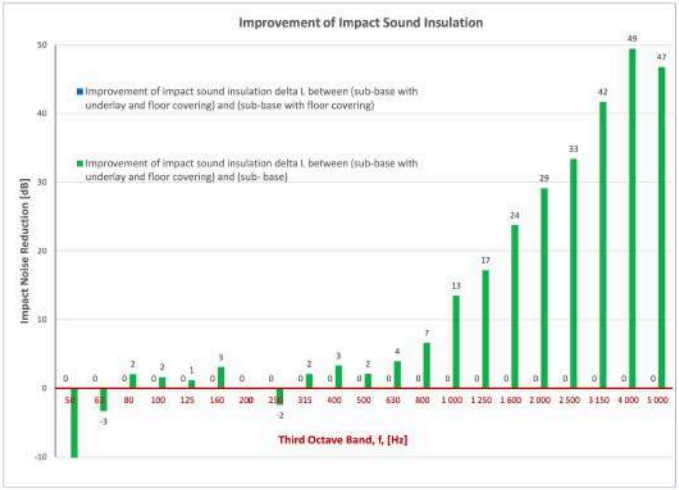
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	48.6
63	45.4	N/A	48.8
80	50.4	N/A	48.4
100	50.9	N/A	49.2
125	53.9	N/A	52.7
160	55.3	N/A	52.2
200	46.7	N/A	46.9
250	45.5	N/A	47.9
315	45.7	N/A	43.6
400	46.6	N/A	43.3
500	43.4	N/A	41.3
630	41.9	N/A	38.0
800	43.3	N/A	36.6
1 000	44.3	N/A	30.8
1 250	44.2	N/A	27.0
1 600	45.6	N/A	21.8
2 000	47.9	N/A	18.7
2 500	49.9	N/A	16.5
3 150	50.7	N/A	9.0
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 Guidleline
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 Guidleline
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 Guidleline
FIIC	67	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 m^2 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 8: Acoustic Test (14mm Engineered + 3mm 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 + 3mm Everquiet IXPE Underlay	43	63	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS

koikas acoustics PTY LTD

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	-

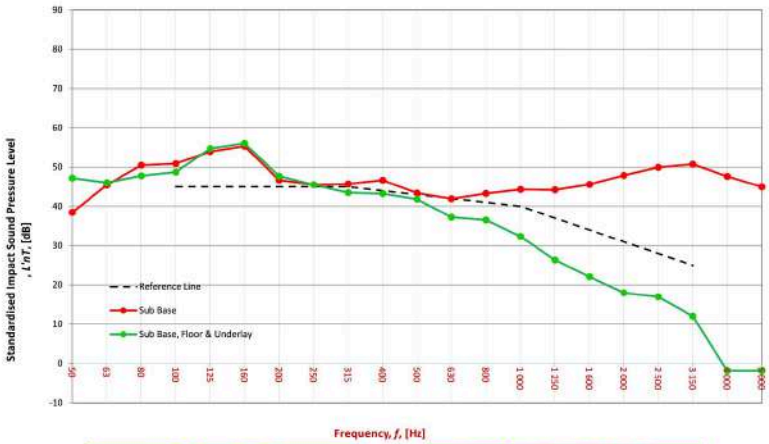
	Name	Thickness (mm)	Density (Si)
Description of Floor System	14 mm engineered flooring	14	--
	3 mm EverQuiet IXPE underlay	3	--
	Concrete slab	180-200	--
	Suspended ceiling	80-150	--

Room Floor Dimensions	Width :	5	m
	Length :	8	m
	Area :	40.00	m^2
Sample Dimensions	Width :	1	m
	Length :	1	m
	Area :	1	m^2

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

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

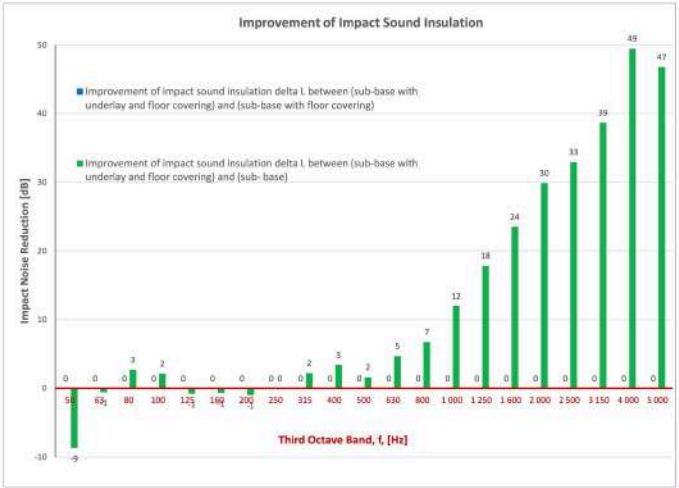
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	47.2
63	45.4	N/A	46.0
80	50.4	N/A	47.8
100	50.9	N/A	48.7
125	53.9	N/A	54.7
160	55.3	N/A	56.0
200	46.7	N/A	47.7
250	45.5	N/A	45.5
315	45.7	N/A	43.5
400	46.6	N/A	43.2
500	43.4	N/A	41.8
630	41.9	N/A	37.2
800	43.3	N/A	36.5
1 000	44.3	N/A	32.3
1 250	44.2	N/A	26.3
1 600	45.6	N/A	22.1
2 000	47.9	N/A	18.0
2 500	49.9	N/A	17.0
3 150	50.7	N/A	12.0
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 Guidleline
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 Guidleline
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)	2	AS ISO 717.2 - 2004
Ci(63-2000)	2	AS ISO 717.2 - 2004
AAAC★	5 Star	AAAC Guidleline
FIIC	63	ASTM E1007-14



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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

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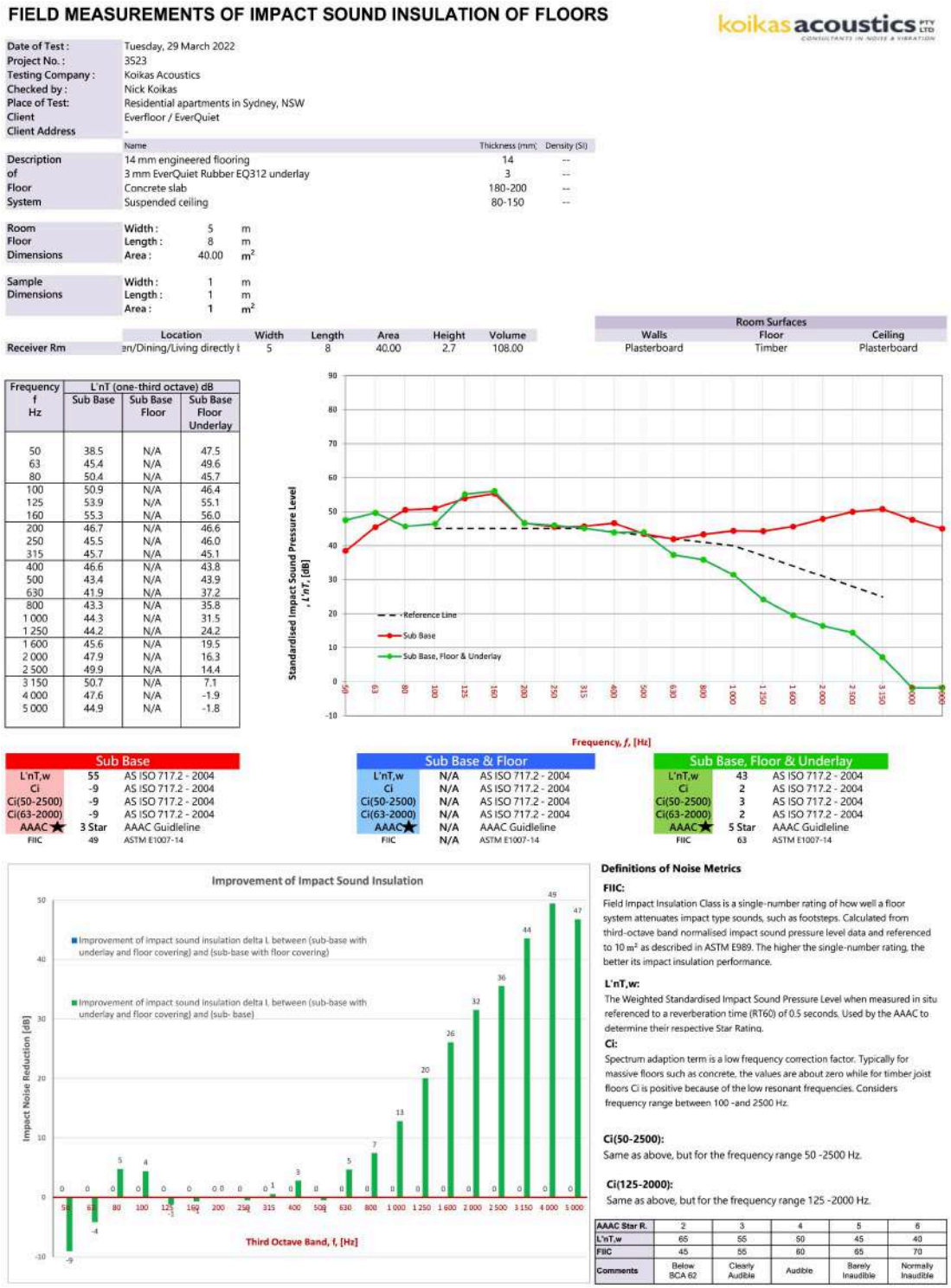
Part 8: Acoustic Test (14mm Engineered + EQ312 3mm Rubber Underlay)

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

koikas acoustics PTY LTD

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	-

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

Room Floor Dimensions	Width :	5	m
	Length :	8	m
	Area :	40.00	m^2
Sample Dimensions	Width :	1	m
	Length :	1	m
	Area :	1	m^2

	Location	Width	Length	Area	Height	Volume
Receiver Rm	en/Dining/Living directly t	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	47.5
63	45.4	N/A	49.6
80	50.4	N/A	45.7
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	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 Guidleline
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 Guidleline
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)	2	AS ISO 717.2 - 2004
AAAC★	5 Star	AAAC Guidleline
FIIC	63	ASTM E1007-14

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Same as above, but for the frequency range 50 -2500 Hz.

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Same as above, but for the frequency range 125 -2000 Hz.

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L'nT,w	65	55	50	45	40
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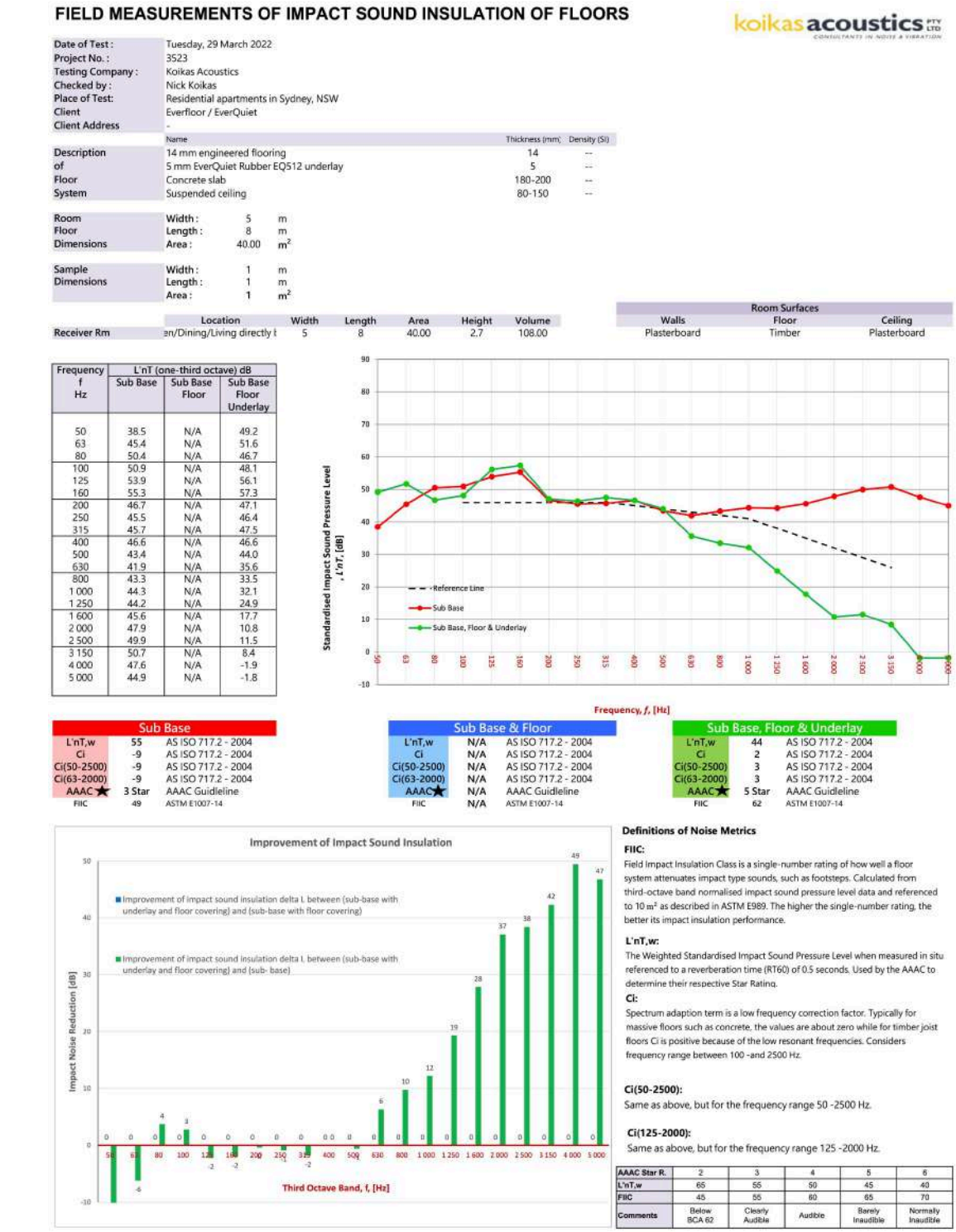
Part 8: Acoustic Test (14mm Engineered + EQ512 5mm Rubber Underlay)

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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koikas acoustics PTY LTD

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Project No. :	3523
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Place of Test:	Residential apartments in Sydney, NSW
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Client Address	-

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

Room Floor Dimensions	Width :	5	m
	Length :	8	m
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250	45.5	N/A	46.4
315	45.7	N/A	47.5
400	46.6	N/A	46.6
500	43.4	N/A	44.0
630	41.9	N/A	35.6
800	43.3	N/A	33.5
1 000	44.3	N/A	32.1
1 250	44.2	N/A	24.9
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 Guidleline
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 Guidleline
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 Guidleline
FIIC	62	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 m^2 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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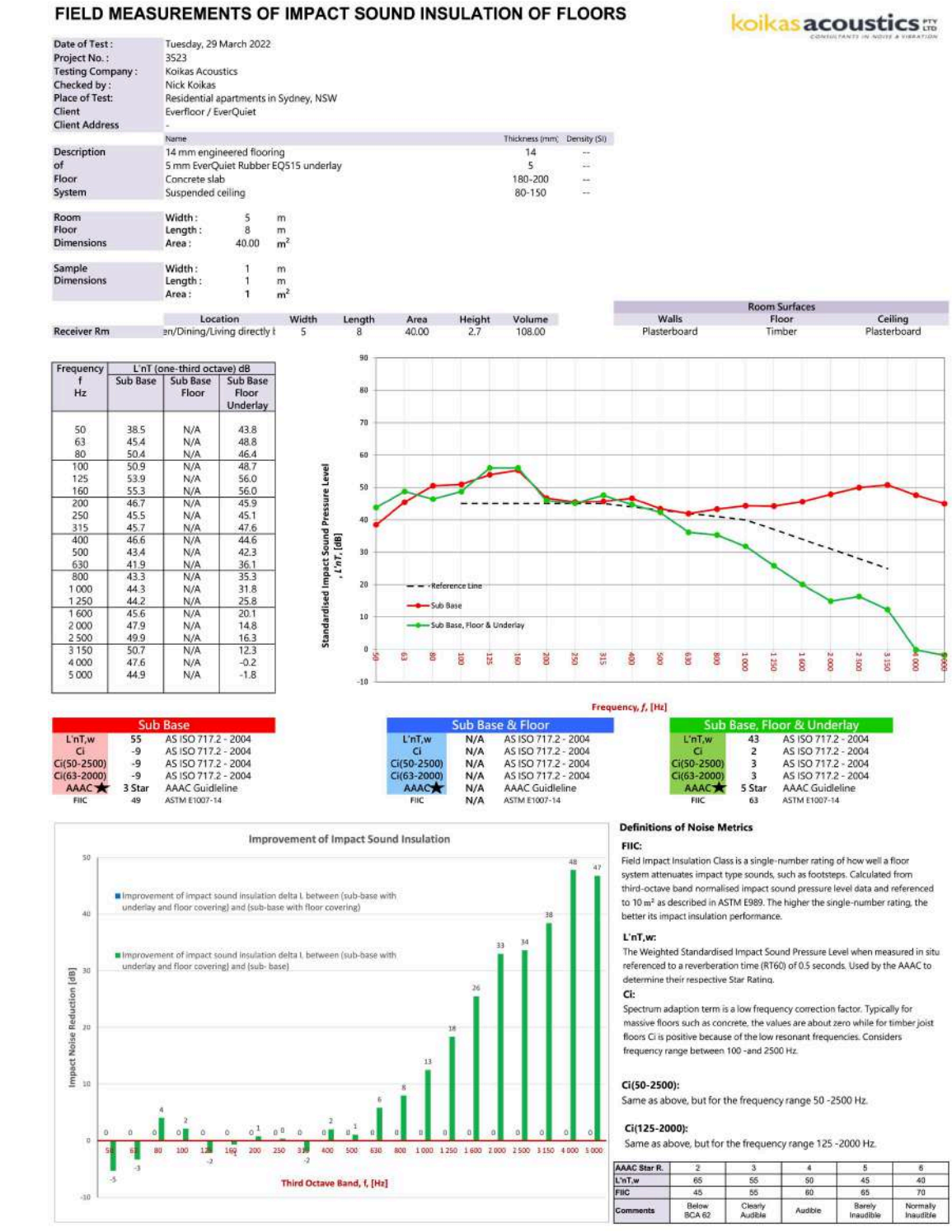
Part 8: Acoustic Test (14mm Engineered + EQ515 5mm Rubber Underlay)

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



FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS

koikas acoustics PTY LTD

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	-

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

Room Floor Dimensions	Width :	5	m
	Length :	8	m
	Area :	40.00	m^2
Sample Dimensions	Width :	1	m
	Length :	1	m
	Area :	1	m^2

	Location	Width	Length	Area	Height	Volume
Receiver Rm	en/Dining/Living directly t	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
1 000	44.3	N/A	31.8
1 250	44.2	N/A	25.8
1 600	45.6	N/A	20.1
2 000	47.9	N/A	14.8
2 500	49.9	N/A	16.3
3 150	50.7	N/A	12.3
4 000	47.6	N/A	-0.2
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 Guidleline
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 Guidleline
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 Guidleline
FIIC	63	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 62	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

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Part 8: Acoustic Test (14mm Engineered + EQ1012 10mm 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 + EQ1012 10mm Rubber Underlay	44	63	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS

koikas acoustics PTY LTD

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	-

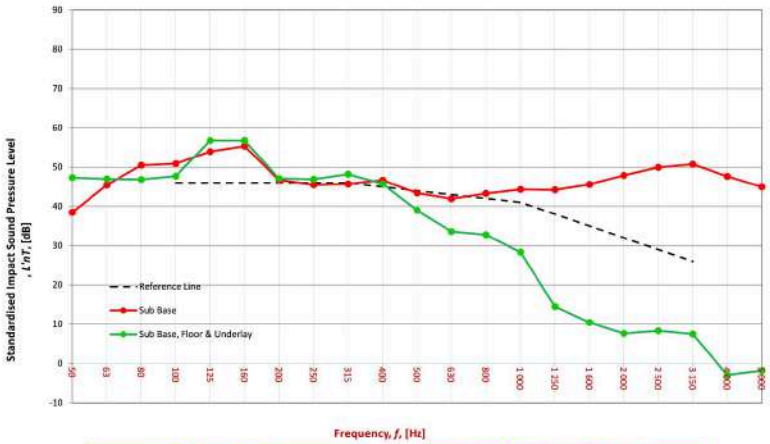
	Name	Thickness (mm)	Density (Si)
Description of Floor System	14 mm engineered flooring	14	--
	10 mm EverQuiet Rubber EQ1012 underlay	10	--
	Concrete slab	180-200	--
	Suspended ceiling	80-150	--

Room Floor Dimensions	Width :	5	m
	Length :	8	m
	Area :	40.00	m^2
Sample Dimensions	Width :	1	m
	Length :	1	m
	Area :	1	m^2

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

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

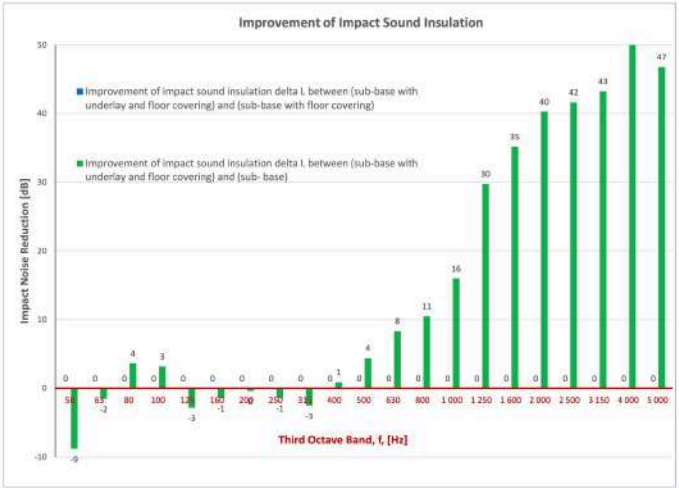
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	47.3
63	45.4	N/A	47.0
80	50.4	N/A	46.8
100	50.9	N/A	47.7
125	53.9	N/A	56.7
160	55.3	N/A	56.7
200	46.7	N/A	47.1
250	45.5	N/A	46.9
315	45.7	N/A	48.2
400	46.6	N/A	45.7
500	43.4	N/A	39.0
630	41.9	N/A	33.6
800	43.3	N/A	32.8
1 000	44.3	N/A	28.3
1 250	44.2	N/A	14.4
1 600	45.6	N/A	10.4
2 000	47.9	N/A	7.6
2 500	49.9	N/A	8.3
3 150	50.7	N/A	7.5
4 000	47.6	N/A	-2.9
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 Guidleline
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 Guidleline
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)	2	AS ISO 717.2 - 2004
Ci(63-2000)	2	AS ISO 717.2 - 2004
AAAC★	5 Star	AAAC Guidleline
FIIC	63	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 62	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

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Part 8: 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

koikas acoustics PTY LTD

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	-

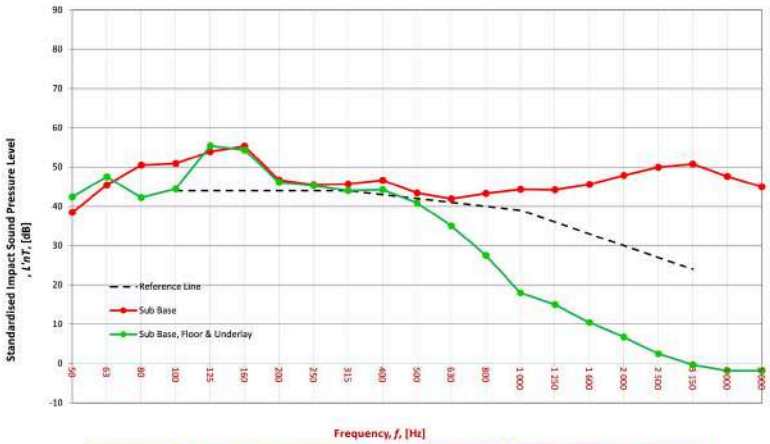
	Name	Thickness (mm)	Density (Si)
Description of Floor System	14 mm engineered flooring	14	--
	5 mm EverQuiet Rubber Wavy EQW512 underlay	5	--
	Concrete slab	180-200	--
	Suspended ceiling	80-150	--

Room Floor Dimensions	Width :	5	m
	Length :	8	m
	Area :	40.00	m^2
Sample Dimensions	Width :	1	m
	Length :	1	m
	Area :	1	m^2

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

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

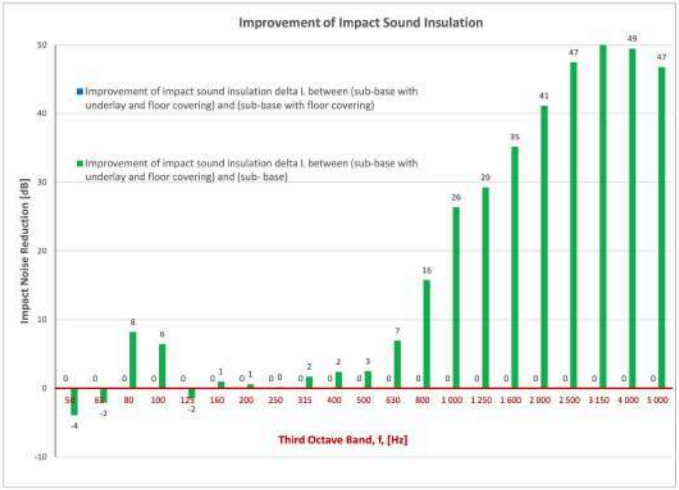
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	42.4
63	45.4	N/A	47.5
80	50.4	N/A	42.2
100	50.9	N/A	44.4
125	53.9	N/A	55.4
160	55.3	N/A	54.3
200	46.7	N/A	46.1
250	45.5	N/A	45.3
315	45.7	N/A	44.0
400	46.6	N/A	44.2
500	43.4	N/A	40.9
630	41.9	N/A	35.0
800	43.3	N/A	27.5
1 000	44.3	N/A	17.9
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 Guidleline
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 Guidleline
FIIC	N/A	ASTM E1007-14

Sub Base, Floor & Underlay		
L'nT,w	42	AS ISO 717.2 - 2004
Ci	2	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 Guidleline
FIIC	64	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 m^2 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

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Part 8: Acoustic Test (14mm Engineered + EQW512 5mm Rubber Wavy Underlay + 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 + EQW512 5mm Rubber Wavy Underlay + 2mm EVERQUIET IXPE	43	63	5

FIELD MEASUREMENTS OF IMPACT SOUND INSULATION OF FLOORS

koikas acoustics PTY LTD

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	-

	Name	Thickness (mm)	Density (Si)
Description of Floor System	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 Floor Dimensions	Width :	5	m
	Length :	8	m
	Area :	40.00	m^2
Sample Dimensions	Width :	1	m
	Length :	1	m
	Area :	1	m^2

	Location	Width	Length	Area	Height	Volume
Receiver Rm	en/Dining/Living directly b	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
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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
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Sub Base		
L'nT,w	55	AS ISO 717.2 - 2004
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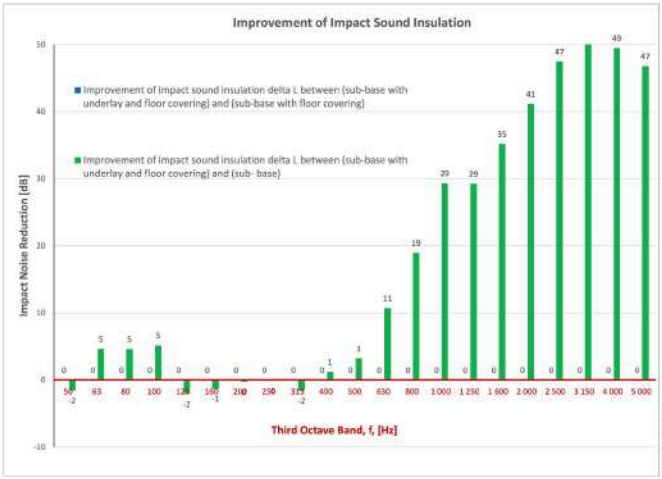
Ci(50-2500)	-9	AS ISO 717.2 - 2004
Ci(63-2000)	-9	AS ISO 717.2 - 2004
AAAC★	3 Star	AAAC Guidleline
FIIC	49	ASTM E1007-14

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 Guidleline
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 Guidleline
FIIC	63	ASTM E1007-14



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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

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Part 8: 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

koikas acoustics PTY LTD

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	-

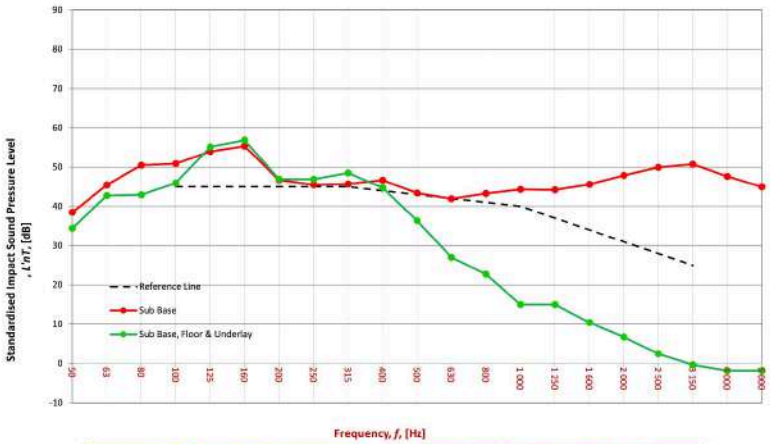
	Name	Thickness (mm)	Density (Si)
Description of Floor System	14 mm engineered flooring	14	--
	10 mm EverQuiet Rubber Wavy EQW1012 underlay	10	--
	Concrete slab	180-200	--
	Suspended ceiling	80-150	--

Room Floor Dimensions	Width :	5	m
	Length :	8	m
	Area :	40.00	m^2
Sample Dimensions	Width :	1	m
	Length :	1	m
	Area :	1	m^2

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

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

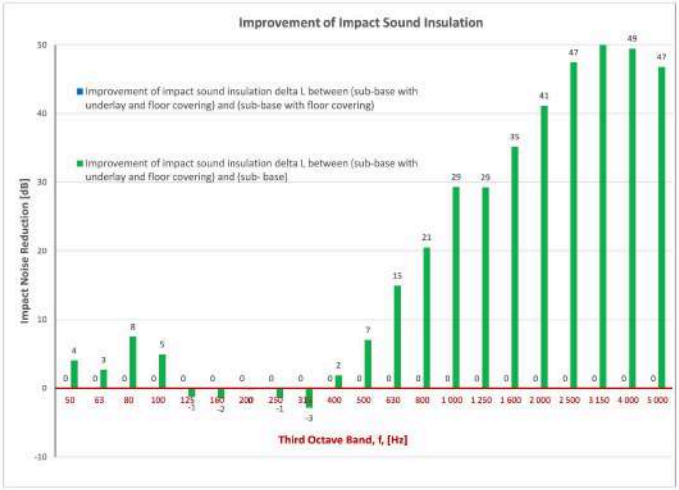
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	34.4
63	45.4	N/A	42.7
80	50.4	N/A	42.9
100	50.9	N/A	45.9
125	53.9	N/A	55.1
160	55.3	N/A	56.8
200	46.7	N/A	46.9
250	45.5	N/A	46.9
315	45.7	N/A	48.5
400	46.6	N/A	44.7
500	43.4	N/A	36.4
630	41.9	N/A	27.0
800	43.3	N/A	22.7
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 Guidleline
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 Guidleline
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)	2	AS ISO 717.2 - 2004
Ci(63-2000)	2	AS ISO 717.2 - 2004
AAAC ★	5 Star	AAAC Guidleline
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 m^2 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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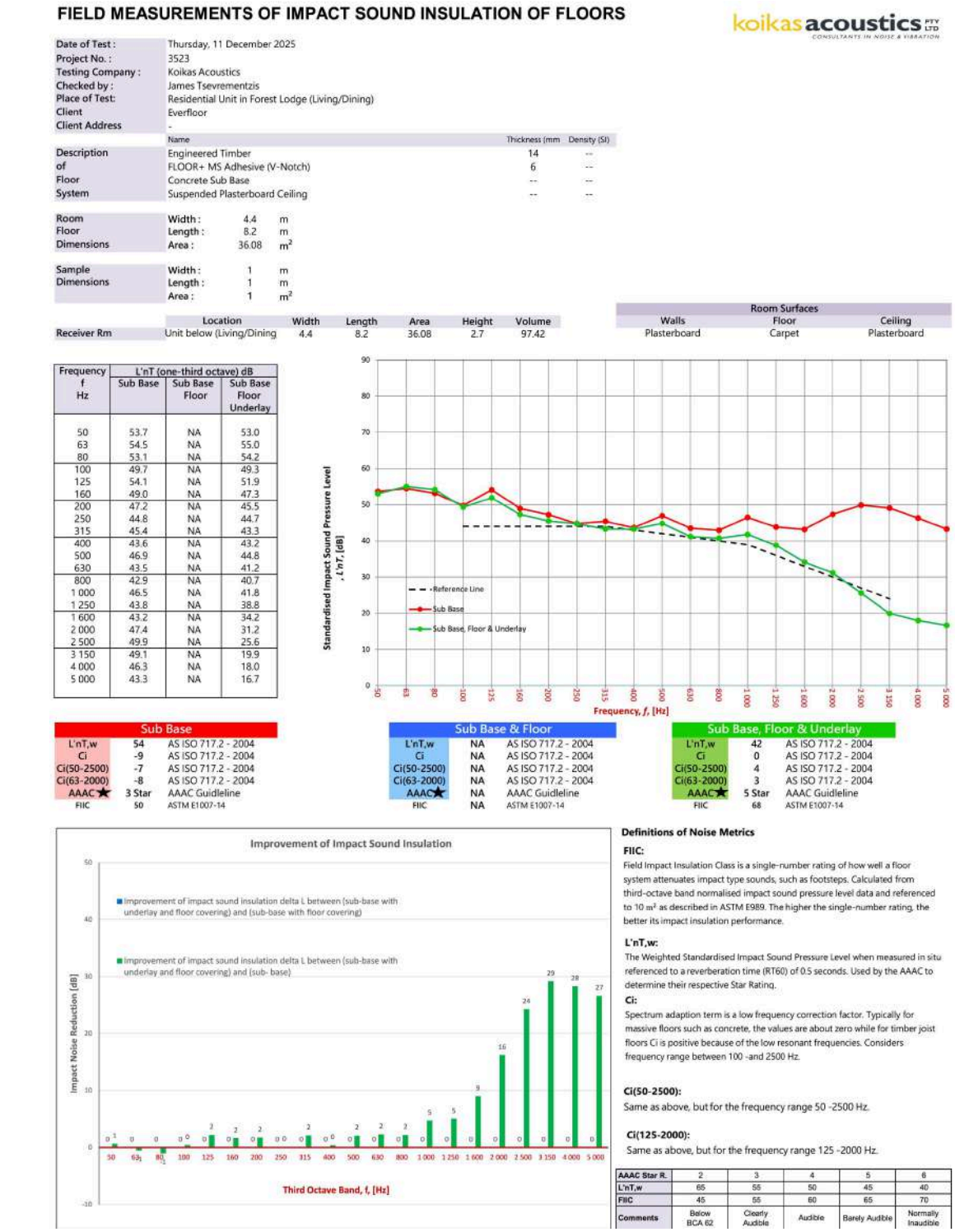
Part 8: Acoustic Test (14mm Engineered + MS Adhesive (V Notch))

System Tested	L'_{nTw} [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

koikas acoustics PTY LTD — CONSULTANTS IN NOISE & VIBRATION

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

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

Room Floor Dimensions	Width :	4.4	m
	Length :	8.2	m
	Area :	36.08	m^2
Sample Dimensions	Width :	1	m
	Length :	1	m
	Area :	1	m^2

	Location	Width	Length	Area	Height	Volume
Receiver Rm	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
1 000	46.5	NA	41.8
1 250	43.8	NA	38.8
1 600	43.2	NA	34.2
2 000	47.4	NA	31.2
2 500	49.9	NA	25.6
3 150	49.1	NA	19.9
4 000	46.3	NA	18.0
5 000	43.3	NA	16.7

Sub Base		
L'nT,w	54	AS ISO 717.2 - 2004
Ci	-9	AS ISO 717.2 - 2004
Ci(50-2500)	-7	AS ISO 717.2 - 2004
Ci(63-2000)	-8	AS ISO 717.2 - 2004
AAAC★	3 Star	AAAC Guidleline
FIIC	50	ASTM E1007-14

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

Sub Base, Floor & Underlay		
L'nT,w	42	AS ISO 717.2 - 2004
Ci	0	AS ISO 717.2 - 2004
Ci(50-2500)	4	AS ISO 717.2 - 2004
Ci(63-2000)	3	AS ISO 717.2 - 2004
AAAC★	5 Star	AAAC Guidleline
FIIC	68	ASTM E1007-14

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Comments	Below BCA 62	Clearly Audible	Audible	Barely Audible	Normally Inaudible

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