

# Technical Summary

## Part 1 : Dimension

<b>Width</b>	196	mm
<b>Length</b>	1215	mm
<b>Thickness</b>	8.3	mm
<b>Boards Per Box</b>	10	planks
<b>Box Size</b>	2.3845	sqm

## Part 2 : General Data

<b>Click Lock System</b>	4-Side Click System with Wax Seal
<b>Core Type</b>	High Density Wood Fibre Composite Core
<b>Wear &amp; Abrasion Resistance</b>	AC4 - Heavy Residential / Light Commercial
<b>Finish</b>	Matte Anti-Slip / EIR
<b>Profile</b>	Micro-Bevel Edge
<b>Installation Method</b>	Floating Installation (refer to installation guidelines)
<b>Stain Resistant</b>	Yes
<b>Density</b>	860kg/m <sup>3</sup>
<b>Backing Layer</b>	Moisture-Resistant Melamine Backing
<b>Slip Resistance</b>	P1

### Part 3 : Warranty

<b>General Residential</b>	25	Years
<b>Light Commercial</b>	5	Years

## Part 4: Slip Testing

# AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
A.B.N 43 006 014 106

**1st Floor, 191 Racecourse Road, Flemington, Victoria 3031**  
**P.O Box 240, North Melbourne, Victoria 3051**  
**Phone (03) 9371 2400**

### TEST REPORT

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

**Test Number :** 25-000872  
**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 01-04-2025  
Operator AWTA Test Operator 14  
Test Temperature (20±5degC) 25 °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	17	19	15	20	18	18

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.

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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 5: Fire Testing**

**AWTA PRODUCT TESTING**

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
A.B.N 43 006 014 106

**1st Floor, 191 Racecourse Road, Flemington, Victoria 3031**  
**P.O Box 240, North Melbourne, Victoria 3051**  
**Phone (03) 9371 2400**

**TEST REPORT**

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

**Test Number :** 25-000963  
**Issue Date :** 14/04/2025  
**Print Date :** 14/04/2025

**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	14-04-2025			
CHF Value	1	2	3	Mean
Length	6.9	7.1	6.5	6.8 kW/m <sup>2</sup>
Width	≥11.0	-	-	- kW/m <sup>2</sup>
HF-30 Value	1	2	3	Mean
Length	6.9	7.5	8.6	7.7 kW/m <sup>2</sup>
Width	-	-	-	- kW/m <sup>2</sup>
Smoke Value	1	2	3	Mean
Length	14	9	10	11 %.min
Width	6	-	-	- %.min

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

0204/11/06

## Part 6: Acoustic Test (8mm Laminate + 2MM EVERQUIET IXPE)

System Tested	L' nT <sub>w</sub> <sup>3</sup>	FIIC <sup>4,5</sup>	AAAC <sup>6</sup>
<b>Bare Concrete Floor (ECFS only) - for comparison purposes only</b>	55	49	3
<b>8mm Laminate Flooring + 2mm Everquiet IXPE Underlay</b>	41	65	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 : -

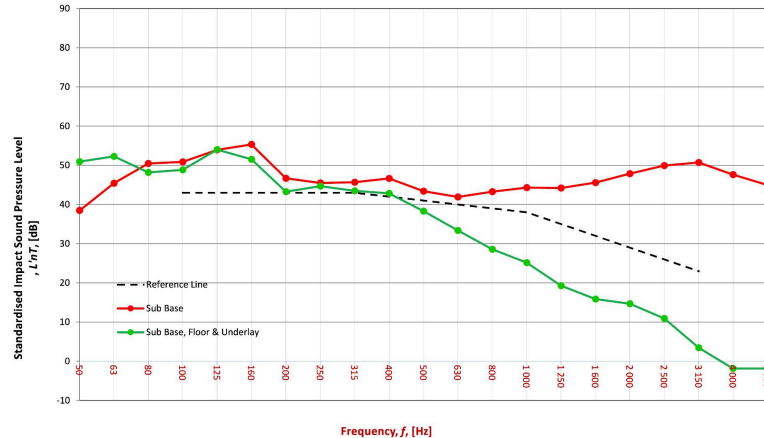
Description of Floor System	Thickness (mm)	Density (S)
8 mm laminate flooring	8	--
2 mm EverQuiet IXPE underlay	2	--
Concrete slab	180-200	--
Suspended ceiling	80-150	--

Room Dimensions	Width	Length	Area
Room	5 m	8 m	40.00 m <sup>2</sup>
Floor	5 m	8 m	40.00 m <sup>2</sup>
Sample Dimensions	1 m	1 m	1 m <sup>2</sup>

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

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

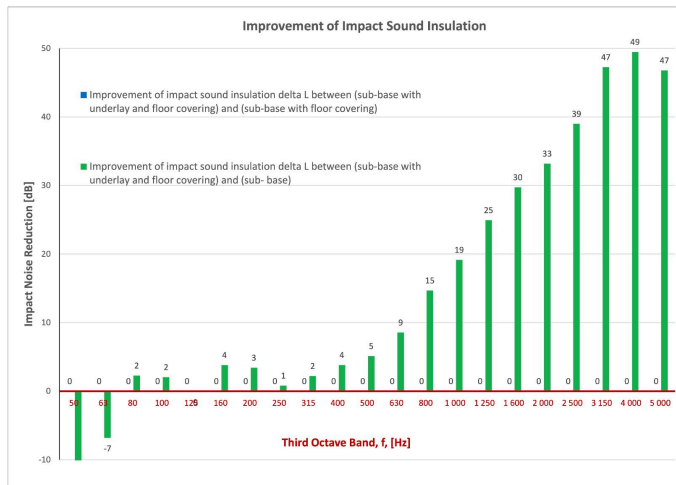
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	50.9
63	45.4	N/A	52.3
80	50.4	N/A	48.2
100	50.9	N/A	48.8
125	53.9	N/A	54.0
160	55.3	N/A	51.5
200	46.7	N/A	43.3
250	45.5	N/A	44.7
315	45.7	N/A	43.5
400	46.6	N/A	42.8
500	43.4	N/A	38.3
630	41.9	N/A	33.4
800	43.3	N/A	28.6
1000	44.3	N/A	25.2
1250	44.2	N/A	19.3
1600	45.6	N/A	15.9
2000	47.9	N/A	14.7
2500	49.9	N/A	10.9
3150	50.7	N/A	3.4
4000	47.6	N/A	-1.9
5000	44.9	N/A	-1.8



Sub Base	
L'nT <sub>w</sub>	55
CI	-9
CI(50-2500)	-9
CI(63-2000)	-9
AAAC★	3 Star
FIIC	49

Sub Base & Floor	
L'nT <sub>w</sub>	N/A
CI	N/A
CI(50-2500)	N/A
CI(63-2000)	N/A
AAAC★	AAAC Guideline
FIIC	N/A

Sub Base, Floor & Underlay	
L'nT <sub>w</sub>	41
CI	2
CI(50-2500)	4
CI(63-2000)	3
AAAC★	5 Star
FIIC	65



#### 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<sup>2</sup> as described in ASTM E989. The higher the single-number rating, the better its impact insulation performance.

**L'nT<sub>w</sub>:** 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 <sub>w</sub>	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 6: Acoustic Test (8mm Laminate + 3MM EVERQUIET IXPE)

System Tested	L' nT,w <sup>3</sup>	FIIC <sup>4,5</sup>	AAAC <sup>6</sup>
<b>Bare Concrete Floor (ECFS only) - for comparison purposes only</b>	55	49	3
<b>8mm Laminate Flooring + 3mm Everquiet IXPE Underlay</b>	41	66	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 : -

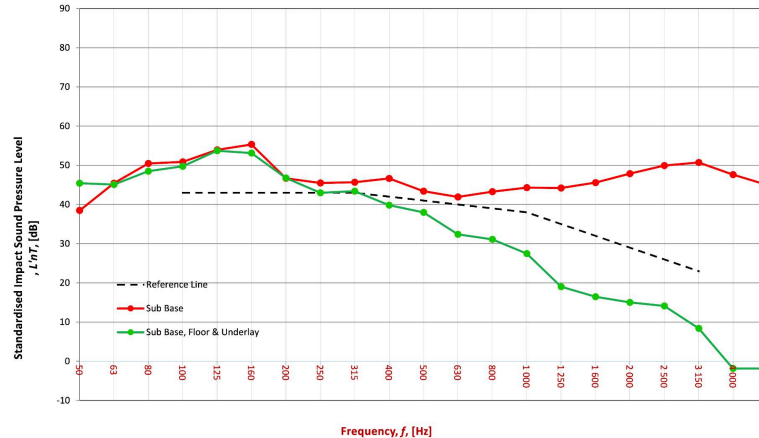
Description of Floor System	Thickness (mm)	Density (S)
8 mm laminate flooring	8	--
3 mm EverQuiet IXPE underlay	3	--
Concrete slab	180-200	--
Suspended ceiling	80-150	--

Room Dimensions	Width (m)	Length (m)	Area (m <sup>2</sup> )
Room	5	8	40.00
Floor	5	8	40.00
Dimensions	5	8	40.00

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

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

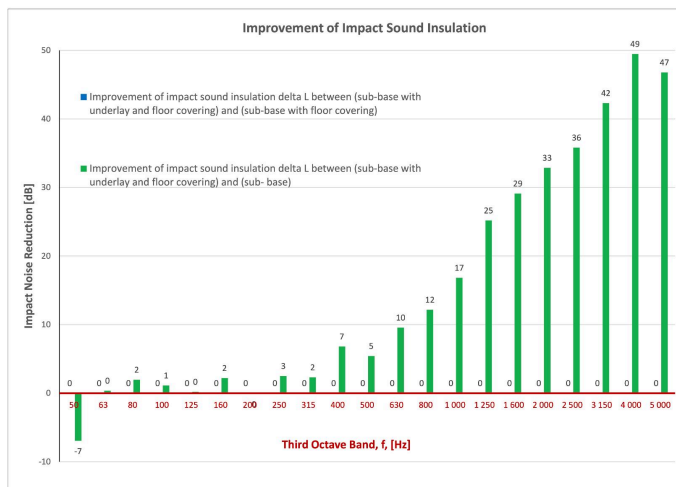
Frequency f [Hz]	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	45.4
63	45.4	N/A	45.1
80	50.4	N/A	48.5
100	50.9	N/A	49.7
125	53.9	N/A	53.7
160	55.3	N/A	53.1
200	46.7	N/A	46.8
250	45.5	N/A	43.0
315	45.7	N/A	43.4
400	46.6	N/A	39.8
500	43.4	N/A	38.0
630	41.9	N/A	32.4
800	43.3	N/A	31.1
1000	44.3	N/A	27.5
1250	44.2	N/A	19.0
1600	45.6	N/A	16.5
2000	47.9	N/A	15.0
2500	49.9	N/A	14.1
3150	50.7	N/A	8.4
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★	AAAC
FIIC	N/A

Sub Base, Floor & Underlay	
L'nT,w	41
CI	2
CI(50-2500)	3
CI(63-2000)	3
AAAC★	5 Star
FIIC	66



#### 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<sup>2</sup> as described in ASTM E989. The higher the single-number rating, the better its impact insulation performance.

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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 62	Clearly Audible	Audible	Barely Inaudible	Normally Inaudible

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## Part 6: Acoustic Test (8mm Laminate + EQ312 Rubber Underlay)

System Tested	L' nT <sub>w</sub> <sup>3</sup>	FIIC <sup>4,5</sup>	AAAC <sup>6</sup>
<b>Bare Concrete Floor (ECFS only) - for comparison purposes only</b>	55	49	3
<b>8mm Laminate Flooring + EQ312 Rubber Underlay</b>	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 : -

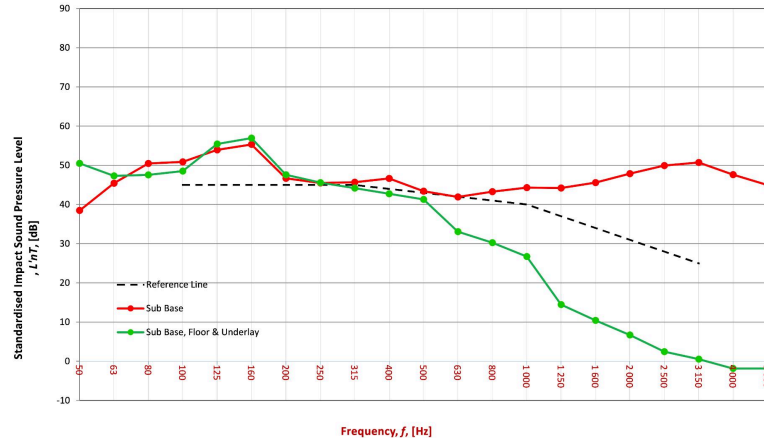
Description	Thickness (mm)	Density (S)
8 mm laminate flooring	8	--
3 mm EverQuiet Rubber EQ312 underlay	3	--
Floor	180-200	--
System	80-150	--

Room Dimensions	Width (m)	Length (m)	Area (m <sup>2</sup> )
Room	5	8	40.00
Floor	5	8	40.00
Dimensions	5	8	40.00

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

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

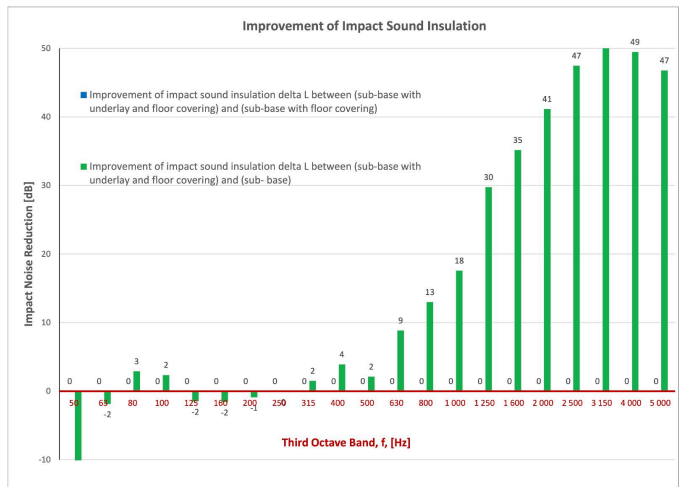
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	50.5
63	45.4	N/A	47.3
80	50.4	N/A	47.6
100	50.9	N/A	48.5
125	53.9	N/A	55.4
160	55.3	N/A	56.9
200	46.7	N/A	47.6
250	45.5	N/A	45.6
315	45.7	N/A	44.2
400	46.6	N/A	42.7
500	43.4	N/A	41.3
630	41.9	N/A	33.1
800	43.3	N/A	30.3
1 000	44.3	N/A	26.7
1 250	44.2	N/A	14.4
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	0.5
4 000	47.6	N/A	-1.9
5 000	44.9	N/A	-1.8



Sub Base	
L'nT <sub>w</sub>	55
CI	-9
CI(50-2500)	-9
CI(63-2000)	-9
AAAC★	3 Star
FIIC	49

Sub Base & Floor	
L'nT <sub>w</sub>	N/A
CI	N/A
CI(50-2500)	N/A
CI(63-2000)	N/A
AAAC★	AAAC Guideline
FIIC	N/A

Sub Base, Floor & Underlay	
L'nT <sub>w</sub>	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 m<sup>2</sup> as described in ASTM E989. The higher the single-number rating, the better its impact insulation performance.

**L'nT<sub>w</sub>:** 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 <sub>w</sub>	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 6: Acoustic Test (8mm Laminate + EQ512 Rubber Underlay)

System Tested	L' <sub>nT,w</sub> <sup>3</sup>	FIIC <sup>4,5</sup>	AAAC <sup>6</sup>
<b>Bare Concrete Floor (ECFS only) - for comparison purposes only</b>	55	49	3
<b>8mm Laminate Flooring + EQ512 Rubber Underlay</b>	42	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  
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 Client Address : -

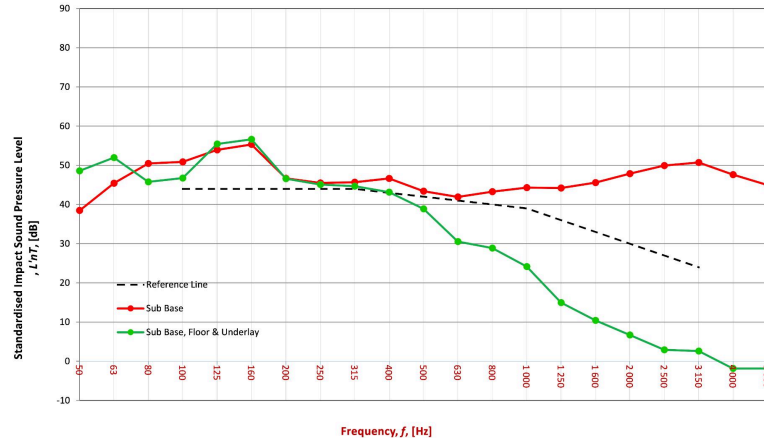
Description of	Thickness (mm)	Density (S)
8 mm laminate flooring	8	--
5 mm EverQuiet Rubber EQ512 underlay	5	--
Floor	180-200	--
System	80-150	--

Room Dimensions	Width (m)	Length (m)	Area (m <sup>2</sup> )
Room	5	8	40.00
Floor	5	8	40.00
Dimensions	5	8	40.00

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

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

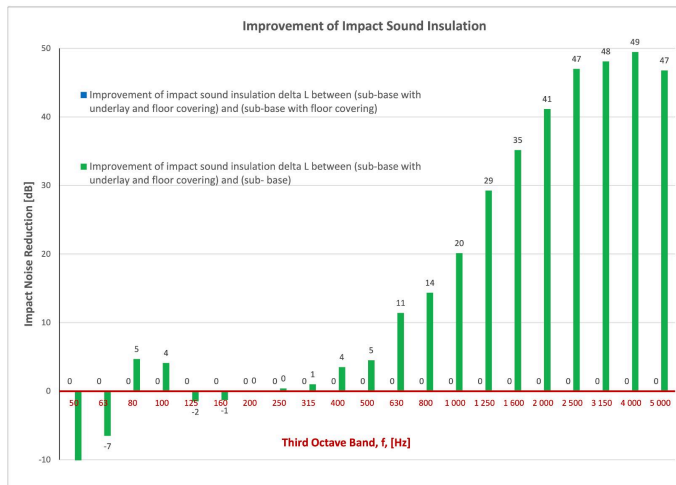
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	48.6
63	45.4	N/A	52.0
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100	50.9	N/A	46.8
125	53.9	N/A	55.4
160	55.3	N/A	56.6
200	46.7	N/A	46.6
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1250	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	2.9
3150	50.7	N/A	2.6
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★	AAAC Guideline
FIIC	N/A

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



#### 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
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## Part 6: Acoustic Test (8mm Laminate + EQ515 Rubber Underlay)

System Tested	L' nT,w <sup>3</sup>	FIIC <sup>4,5</sup>	AAAC <sup>6</sup>
<b>Bare Concrete Floor (ECFS only) - for comparison purposes only</b>	55	49	3
<b>8mm Laminate Flooring + EQ515 Rubber Underlay</b>	42	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 : -

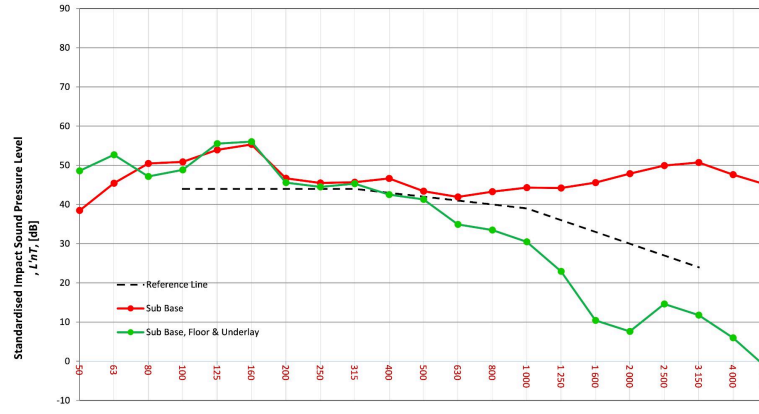
Description of	Thickness (mm)	Density (S)
8 mm laminate flooring	8	--
5 mm EverQuiet Rubber EQ515 underlay	5	--
Floor	180-200	--
System	80-150	--

Room Dimensions	Width	Length	Area
Room	5 m	8 m	40.00 m <sup>2</sup>
Floor	5 m	8 m	40.00 m <sup>2</sup>
Sample Dimensions	1 m	1 m	1 m <sup>2</sup>

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

Room Surfaces		
Walls	Floor	Ceiling
Plasterboard	Timber	Plasterboard

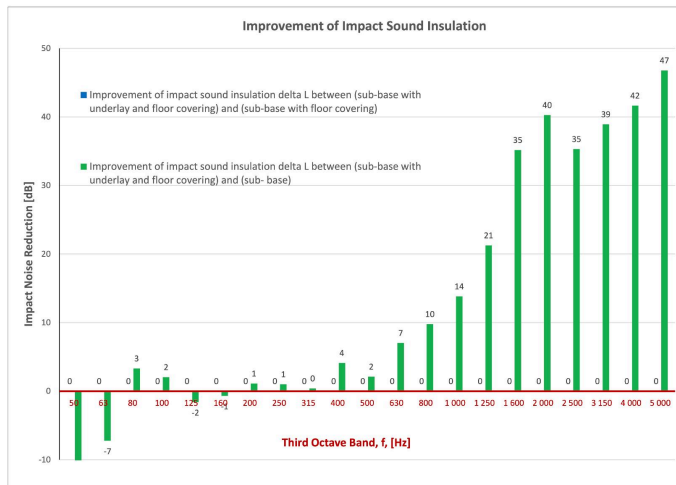
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	38.5	N/A	48.6
63	45.4	N/A	52.7
80	50.4	N/A	47.1
100	50.9	N/A	48.8
125	53.9	N/A	55.5
160	55.3	N/A	56.0
200	46.7	N/A	45.6
250	45.5	N/A	44.5
315	45.7	N/A	45.3
400	46.6	N/A	42.5
500	43.4	N/A	41.3
630	41.9	N/A	34.9
800	43.3	N/A	33.5
1000	44.3	N/A	30.5
1250	44.2	N/A	22.9
1600	45.6	N/A	10.4
2000	47.9	N/A	7.6
2500	49.9	N/A	14.6
3150	50.7	N/A	11.8
4000	47.6	N/A	6.0
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★	AAAC Guideline
FIIC	N/A

Sub Base, Floor & Underlay	
L'nT,w	42
CI	3
CI(50-2500)	4
CI(63-2000)	4
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 m<sup>2</sup> 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.

Please visit [everfloor.com.au](http://everfloor.com.au) for the most up-to-date version of Warranty, Installation, and care and maintenance guidelines. All technical data and testing are based on random sampling and are for indicative purposes only. Version: August 2025