

Technical Summary

Part 1 : Dimensions

Width	125	mm
Length	625	mm
Total Thickness	9	mm
Underlay Thickness	2	mm
Boards Per Box	14	planks
Box Size	1.093	sqm

Part 2 : General Data

Click Lock System	4 Side Click
Core Type	SPC (Stone plastic composite / stone polymer composite)
Wear Resistance	0.7mm Wear Layer with: <ul style="list-style-type: none"> • Ultra-Matte Finish • Anti-Scratch Lacquer • Anti-Stain Lacquer
Finish	<p>Oak Designs 3D Embossed-in-Register – surface embossing texture matches the print layer for greater authenticity.</p> <p>Aus Timber Designs Light Embossed Surface</p>
Installation Method	Click Floating Installation
Underlay	IXPE (cross-linking polyethylene)
Profile	Micro Bevel
Pattern Repeat	Over 75 pure unique planks plus more variants and pattern shifts.

Impact Sound Resistance	9mm Hybrid: 40 Lntw (AAAC 6 Star) 9mm Hybrid + 3mm Rubber EQ312: 42 (AAAC 5 Star) 9mm Hybrid + 5mm Rubber EQ512: 42 (AAAC 5 Star) Note: All acoustic data provided are indicative of outcomes only and cannot guarantee performance as every building is different. See testing datasheet extracts at the bottom of this PDF.
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Part 3 : Warranty

General Residential	25	Years
General Commercial	5	Years

Slip Testing (AS 4586-2013)

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 : 25-000870
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	30	33	31	34	34	32

Classification P2

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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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

Fire Testing (AS ISO 9239.1-2003)

AWTA PRODUCT TESTING

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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 : 25-000970
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	10.4	10.4	10.4	10.4 kW/m ²
Width	≥11.0	-	-	- kW/m ²
Smoke Value	1	2	3	Mean
Length	42	60	52	51 % .min
Width	64	-	-	- % .min
Observation				
Blistering	Yes			

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be sole criterion for assessing the potential fire hazard of the product in use.

Sample was conditioned in accordance with BSEN 13238:2010 at a temperature of 23±2°C and relative humidity of 50±5% for a minimum of 48 hours prior to testing.

Results in accordance with section 8.4 have not been included in the report. They are available upon request.

Each specimen was clamped to a substrate of 6mm thick fibre reinforced cement board prior to testing.

HF30 not reported as flame out time occurred before 30 minutes.

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0204/11/06

Acoustic Test : Royal Premium Herringbone

System Tested	L' nTw ³	FIC ^{4, 5}	AAAC ⁶
Bare Concrete Floor (ECFS only) - for comparison purposes only	54	50	3
Royal Premium Herringbone	40	67	6

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 Tsevrementzis
 Place of Test : Residential Unit in Forest Lodge (Living/Dining)
 Client : Everfloor
 Client Address : -

Description of Floor System	Name	Thickness (mm)	Density (SI)
Everfloor Hybrid		9	-
Concrete Sub Base		--	--
Suspended Plasterboard Ceiling		--	--
0		--	--

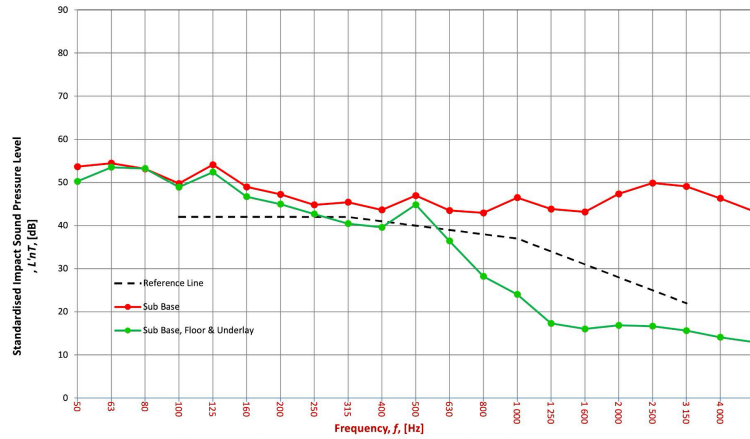
Room Dimensions
 Width : 4.4 m
 Length : 8.2 m
 Area : 36.08 m²

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

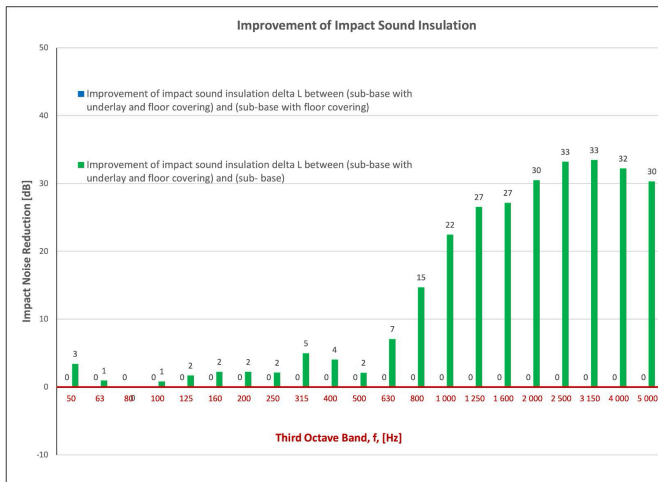
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	53.7	NA	50.2
63	54.5	NA	53.5
80	53.1	NA	53.2
100	49.7	NA	48.9
125	54.1	NA	52.4
160	49.0	NA	46.7
200	47.2	NA	45.0
250	44.8	NA	42.7
315	45.4	NA	40.4
400	43.6	NA	39.6
500	46.9	NA	44.8
630	43.5	NA	36.4
800	42.9	NA	28.2
1000	46.5	NA	24.0
1250	43.8	NA	17.3
1600	43.2	NA	16.0
2000	47.4	NA	16.9
2500	49.9	NA	16.7
3150	49.1	NA	15.6
4000	46.3	NA	14.1
5000	43.3	NA	13.0



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 Guideline
FIC	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 Guideline
FIC	NA ASTM E1007-14

Sub Base, Floor & Underlay	
L'nT,w	40 AS ISO 717.2 - 2004
CI	1 AS ISO 717.2 - 2004
CI(50-2500)	5 AS ISO 717.2 - 2004
CI(63-2000)	4 AS ISO 717.2 - 2004
AAAC★	6 Star AAAC Guideline
FIC	67 ASTM E1007-14



Definitions of Noise Metrics

FIC: 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
FIC	45	55	60	65	70
Comments	Below BCA 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.

Please visit royalfloors.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: April 2026

