Product Summary

Part 1 : Dimensions

Oak Designs

The following specifications apply to Light Ash, Warm Blossom, Butternut, Tree Top, Nevada Oak, Grey Wash Oak, Light Brown, and Silky Ash

Dimensions	1680 x 228 x 9	mm
Underlay Thickness	2	mm
Boards Per Box	4	planks
Box Size	1.532	sqm
Box Weight	22.6	kg

Australian Timber Designs

The following specifications apply to Raw Blackbutt, Native Blackbutt, Spotted Gum, Sydney Blue Gum

Dimensions	1680 x 182 x 9	mm
Underlay Thickness	2	mm
Boards Per Box	5	planks
Box Size	1.528	sqm
Box Weight	22.6	kg

Note: Royal 9mm Pro Hybrid in Australian Timber colours are narrower at 182mm wide for a more authentic real timber look to mimic the look of real Australian Eucalyptus Timber. They also feature an additional 20% unique planks compared to wider board designs, for a less repetitive and more natural look.

Part 2 : General Data

Click Lock System	Angle to Angle
Core Type	SPC (stone plastic composite / stone polymer composite)

Wear Resistance	0.7mm Wear Layer with: • Ultra-Matte Finish • Anti-Scratch Lacquer • Anti-Stain Lacquer
Finish	**Oak Designs** 3D Embossed-in-Register - surface embossing texture matches the print layer for greater authenticity. **Aus Timber Designs** Light Embossed Surface
Installation Method	Click Floating Installation
Underlay	IXPE (cross-linking polyethylene)
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.
Profile	Micro Bevel
Pattern Repeat	Over 15 Planks for Australian Timber Designs Over 12 Planks for Oak Designs Up to 100 variations with pattern shifts as the print moves its way along the plank.

Part 3 : Warranty

General Residential	25	Years
General Commercial	5	Years

Slip Testing (AS 4586-2013)

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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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.

0204/11/06

Fiona McDonald
APPROVED SIGNATORY

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

Fire Testing (AS ISO 9239.1-2003)

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/m²
Width	≥11.0	-	-	-	kW/m²
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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Accreditation Numbers: 983, 985, and 1356

0204/11/06

Fiona McDonald
APPROVED SIGNATORY

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

Acoustic Test : Royal 9mm Pro Hybrid

System Tested	L'_{nTw} [3]	FIIC [4, 5]	AAAC [6]
Bare Concrete Floor (ECFS only) – for comparison purposes only	54	50	3
Royal 9mm Pro Hybrid	40	67	6

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	-

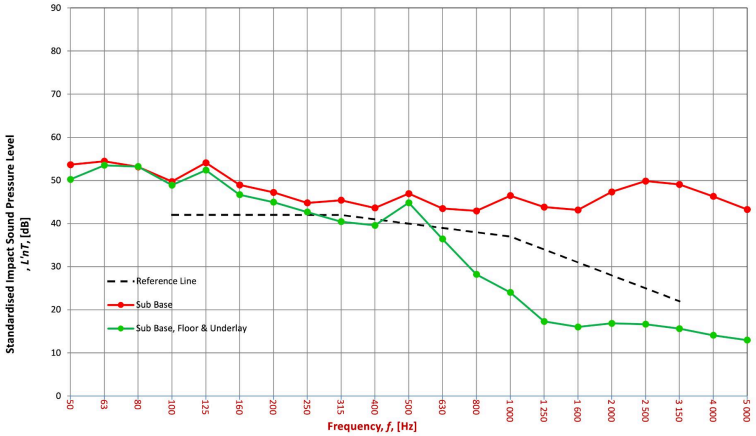
Description of Floor System	Name	Thickness (mm	Density (Sl)
	Everfloor Hybrid	9	--
	Concrete Sub Base	--	--
	Suspended Plasterboard Ceiling	--	--
	0	--	--

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

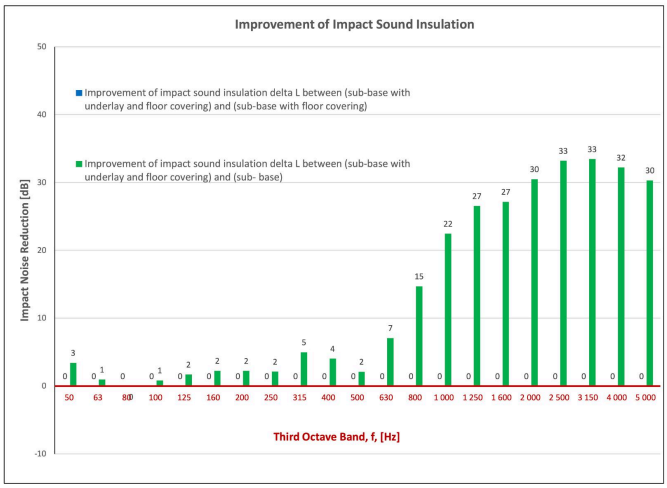
Frequency f Hz	L'nT (one-third octave) dB		
	Sub Base	Sub Base Floor	Sub Base Floor Underlay
50	53.7	NA	50.2
63	54.5	NA	53.5
80	53.1	NA	53.2
100	49.7	NA	48.9
125	54.1	NA	52.4
160	49.0	NA	46.7
200	47.2	NA	45.0
250	44.8	NA	42.7
315	45.4	NA	40.4
400	43.6	NA	39.6
500	46.9	NA	44.8
630	43.5	NA	36.4
800	42.9	NA	28.2
1 000	46.5	NA	24.0
1 250	43.8	NA	17.3
1 600	43.2	NA	16.0
2 000	47.4	NA	16.9
2 500	49.9	NA	16.7
3 150	49.1	NA	15.6
4 000	46.3	NA	14.1
5 000	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 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	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 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 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 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. Royal Floors 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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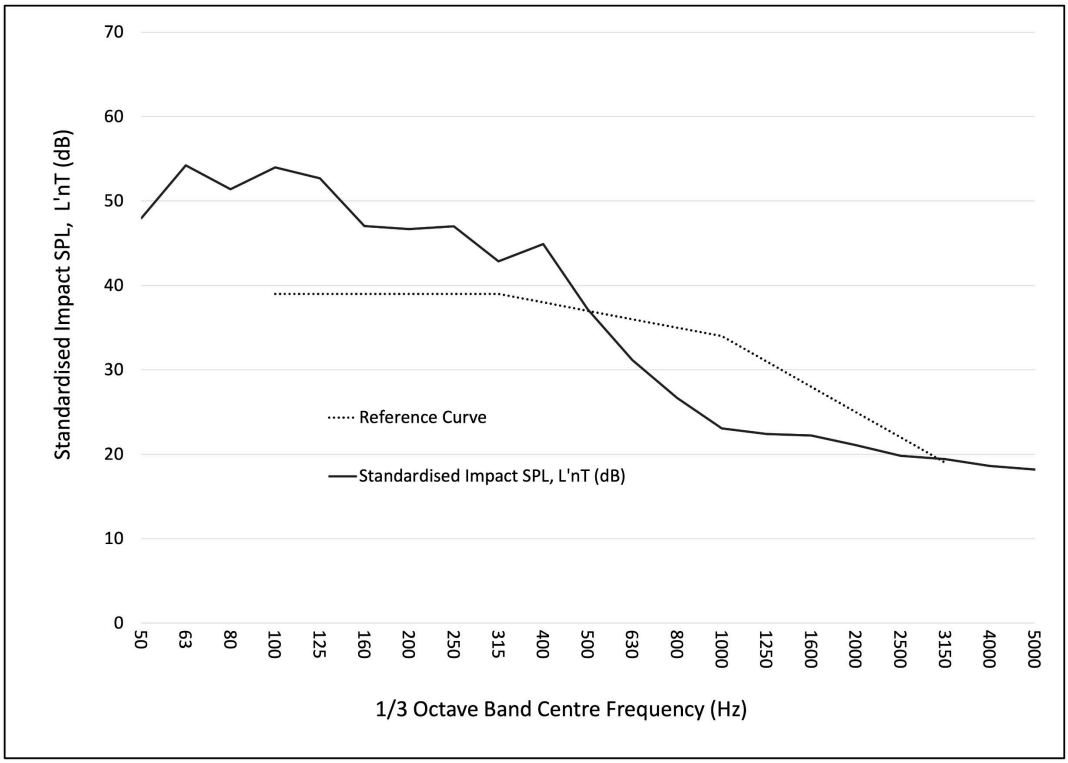
Acoustic Test : Royal 9mm Pro Hybrid + EQ312 Rubber

System Tested	L'_{nTw} [3]	FIIC [4, 5]	AAAC [6]
Royal 9mm Pro Hybrid + EQ312	42	63	5

Testing Location: Residential apartment in Hurstville NSW
Floor Finish: 9mm Hybrid Flooring
Acoustic Underlay: 3mm Rubber EQ312
Sub-base & ceiling below: Reinforced concrete slab
Suspended ceiling cavity with plasterboard ceiling
Source Room: Living area on the upper floor level
Receiver Room: Living area on the lower floor level directly below
Approx. receiver room vol: 60.28



1/3 Octave Band Centre Frequency (Hz)	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
L'nT [dB]	47.9	54.2	51.4	54.0	52.7	47.0	46.7	47.0	42.9	44.9	37.1	31.2	26.7	23.1	22.4	22.2	21.1	19.8	19.4	18.6	18.2

Acoustical Rating		Reference/Guildine
Measured Weighted Standardised Sound Level Difference, L'nTw	42	AS ISO 717.2 - 2004
Field Impact Isolation Class, FIIC	63	ASTME1007-14
AAAC Star Rating	5	AAAC Guideline

Testing Date :	Friday, 7 February 2025	Contrix Pty Ltd
Reference No.:	3874	ABN: 95 632 593 625
Testing Organisation:	Contrix Pty Ltd	E-mail: info@contrix.com.au
Tested By:	Michael Fan Chiang	Tel: +61 425 240 555
	BE(Mech)., MAAS	www.contrix.com.au/acoustics

Disclaimers:
1. The information provided in this report relates to sound insulation of floor coverings & underlays only.
2. Contrix Pty Ltd does not provide products or installation services of hard floor coverings/underlay, therefore, not responsible or liable for any product defects.
3. This testing report is site-specific and only applies to the subject premise for the tested product as specified in this document.
4. It is imperative to strictly adhere to the installation guidelines provided by the supplier or installation instructions. Contrix Pty Ltd bears no liability in the event of non-compliance with these instructions.
5. The acoustic rating typically varies by up to 3 L'nTw rating points, influenced by the placement of the tapping machine, testing locations within the unit, and the junction details between the floorboards, skirting, scotia, and walls. Many strata management and certifying authorities permit a tolerance of 3 L'nTw rating points. Furthermore, deviations of up to 5 L'nTw rating points have been recorded in rare cases.
6. The use of any glue or adhesive can negatively impact the acoustic rating. Based on previous testing data, a degradation of up to 5 L'nTw rating points has been recorded.
7. The test results detailed in this report are intended solely for use as design guidelines and should not be interpreted as formal certification of the tested products.
8. It is highly recommended to engage a qualified acoustic consultant (Contact Contrix Pty Ltd on +61 425 240 555 or other qualified consultants) to conduct in-situ testing (field testing) prior to flooring installation.

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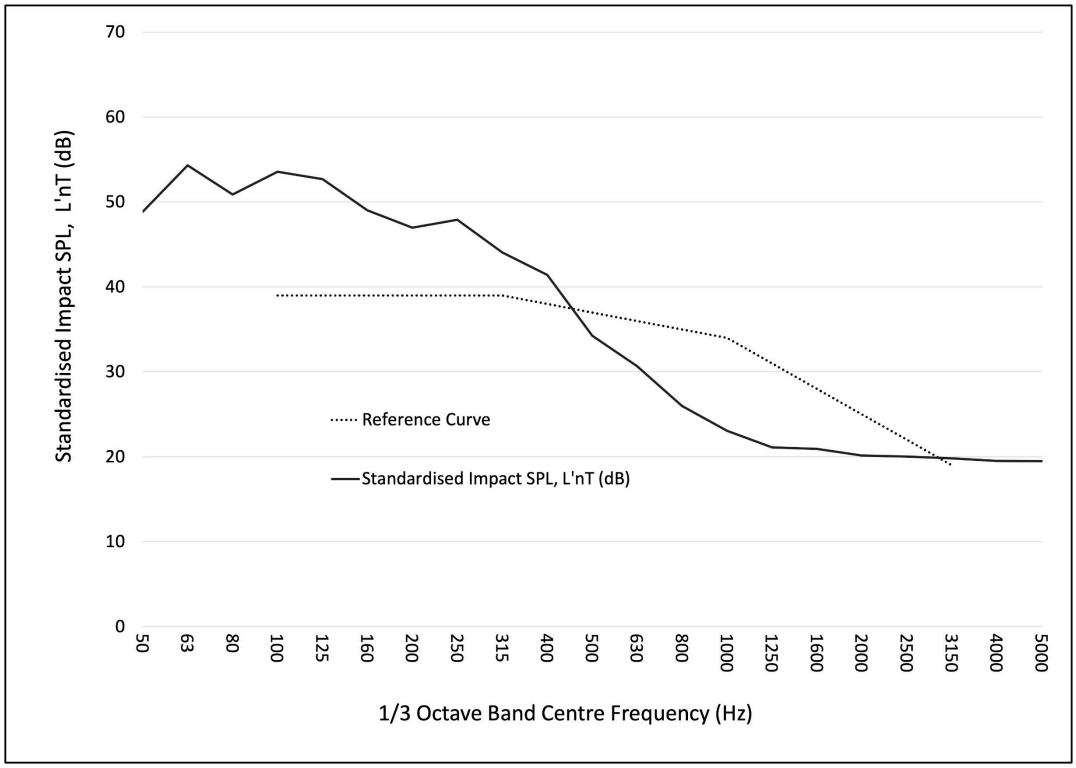
Acoustic Test : Royal 9mm Pro Hybrid + EQ512 Rubber

System Tested	L'_{nTw} [3]	FIIC [4, 5]	AAAC [6]
Royal 9mm Pro Hybrid + EQ512	42	63	5

Testing Location: Residential apartment in Hurstville NSW
Floor Finish: 9mm Hybrid Flooring
Acoustic Underlay: 5mm Rubber EQ512
Sub-base & ceiling below: Reinforced concrete slab
Suspended ceiling cavity with plasterboard ceiling
Source Room: Living area on the upper floor level
Receiver Room: Living area on the lower floor level directly below
Approx. receiver room vol: 60.28



1/3 Octave Band Centre Frequency (Hz)	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
L'nT [dB]	48.8	54.3	50.9	53.6	52.7	49.0	47.0	47.9	44.1	41.4	34.2	30.7	26.0	23.1	21.1	20.9	20.2	20.0	19.8	19.5	19.5

Acoustical Rating		Reference/Guildine
Measured Weighted Standardised Sound Level Difference, **L'nTw**	42	AS ISO 717.2 - 2004
Field Impact Isolation Class, **FIIC**	63	ASTME1007-14
AAAC **Star Rating**	5	AAAC Guideline

Testing Date :	Friday, 7 February 2025	Contrix Pty Ltd
Reference No.:	3874	ABN: 95 632 593 625
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