Technical Summary

Part 1 : Dimensions

Width	230	mm
Length	1524	mm
Total Thickness	8.5	mm
Underlay Thickness	2	mm
Boards Per Box	5	planks
Box Size	1.7526	sqm

Part 2 : General Data

Click Lock System	4 Side, Angle-to-Angle
Core Type	SPC (Stone plastic composite / stone polymer composite)
Wear Resistance	0.5mm with anti-scratch and anti-slip lacquer
Finish	Embossed
Installation Method	Floating Installation
Stain Resistant	Yes (built into wear layer)
Fade Resistant	Yes
Slip Resistance (Wet)	P4 (Reported SRV 50)
Impact Sound Resistance (Indicative)	32 Lntw (AAAC 6 Star) Full test report on Page 6 of this document. 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.

Profile	Micro Bevel
Box Weight	23kg
Pattern Repeat	4 pure unique planks / 16 variation planks. Each variation has 400mm pattern shift from the 4 pure unique planks.

Part 3 : Warranty

General Residential	25	Years
Light Commercial	5	Years

Part 4 : Fire & Smoke Test Certificate

Test Method : AS/ISO 9239-1:2003 Reaction to Fire Tests for Floorings. Determination of the Burning Behaviour using a Radiant Heat Source.

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

Date of Sample Arrival		13-08-2026			
Date Tested		03-09-2026			
CHF Value	1	2	3	Mean	
Length	10.4	10.8	10.9	10.7	kW/m²
Width	10.8	-	-	-	kW/m²
Smoke Value	1	2	3	Mean	
Length	69	53	57	60	%.min
Width	54	-	-	-	%.min
Observations:					
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.

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

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.

Fiona McDonald
APPROVED SIGNATORY

AWTA LIMITED

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

Part 4 : Fire & Smoke Test Certificate

Test Method : Clause 8.4

Date of Testing				03/09/2026	
HF-10 Burn Distance	1	2	3	Mean	
Length	150	120	120	130	mm
Width	130	-	-	-	mm
HF-20 Burn Distance	1	2	3	Mean	
Length	-	-	-	-	mm
Width	-	-	-	-	mm
HF-30 Burn Distance	1	2	3	Mean	
Length	-	-	-	-	mm
Width	-	-	-	-	mm
Total Burn Distance	1	2	3	Mean	
Length	150	130	120	133	mm
Width	130	-	-	-	mm
Time to burn to	L1	L2	L3	W1	
60mm	304	476	434	336	sec
110mm	483	548	621	502	sec
Flame Out	730	726	760	735	sec

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MANAGING DIRECTOR

Part 5 : Wet Slip Test Certificate

Test Method : AS 4586: 2013 Appendix A (Wet Pendulum Test)

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

Date of Testing					24-08-2026	
Operator					AWTA Test Operator 14	
Test Temperature (20±5degC)					19	°C
Specimens washed with pH Neutral Detergent then Dried						
Test Direction					Length	
Fixed/Unfixed					Unfixed	
Slider No 96 Batch No					61	
Length	1	2	3	4	5	SRV
British Pendulum number	46	49	51	50	52	50
Classification					P4	

Equipment: Cooper Pendulum Skid Tester Serial No: 1433-01 Calibrated 14/10/2025
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.

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

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Part 6 : Acoustic Test (Royal 8.5mm Hybrid Flooring + ECFS)

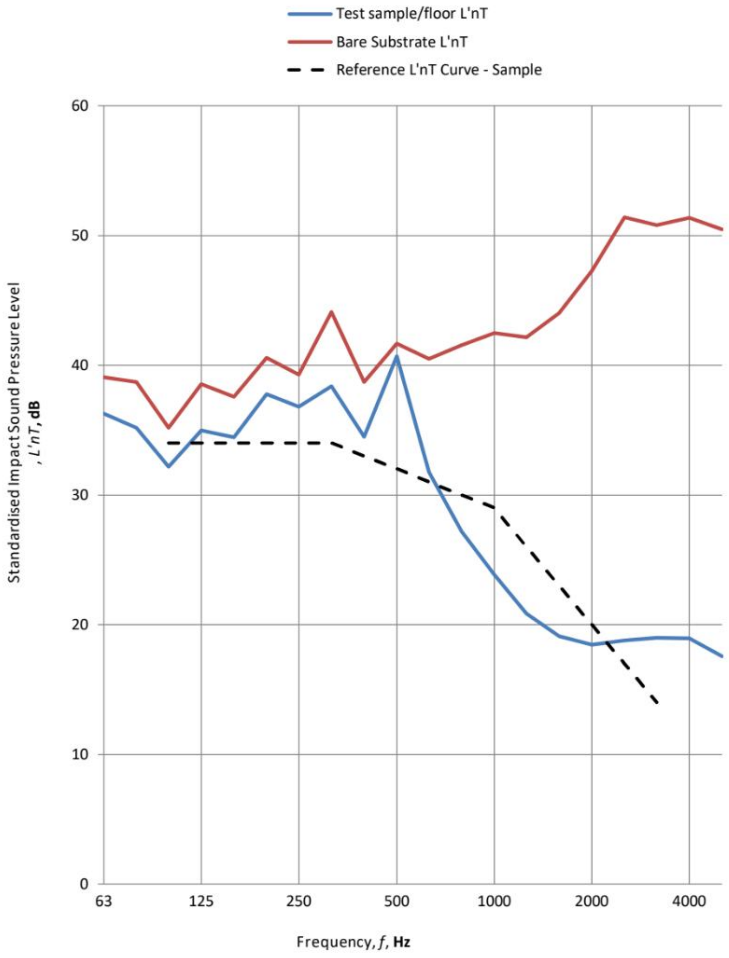
System Tested	L'_{nTw} [3]	FIIC [4, 5]	AAAC [6]
Bare Concrete Floor (ECFS only) - for comparison purposes only	55	56	3
Royal 8.5mm Hybrid + ECFS	32	78	6

Standardised impact sound pressure level according to ISO 16283-2
Field measurements of impact sound insulation of floors

Description and identification of the building construction and test arrangements, direction of measurement :
Test 02: 8.5 mm hybrid flooring over ECFS

Receiving room volume : 26.5356

Frequency *f* Hz	L'nT Test sample dB	Bare L'nT dB substrate dB
50	40.1	43.6
63	36.3	39.1
80	35.2	38.7
100	32.2	35.1
125	35.0	38.6
160	34.5	37.6
200	37.8	40.6
250	36.8	39.3
315	38.4	44.1
400	34.5	38.7
500	40.7	41.7
630	31.8	40.5
800	27.2	41.6
1 000	23.9	42.5
1 250	20.8	42.1
1 600	19.1	44.0
2 000	18.5	47.3
2 500	18.8	51.4
3 150	19.0	50.8
4 000	19.0	51.4
5 000	17.6	50.5
$L_{'nT,w}$	32	55
C_i	-1	-14
$L_{'nT,w} + C_i$	31	40
$\Delta L_{'nT,w}$	23	
FIIC	78	56
AAAC Star	6 Star	3 Star



Rating according to ISO 717-2
Evaluation based on field measurement results obtained in one-third-octave bands by an engineering method.

Project No. : 3523
Issue Date : Tuesday, 25 August 2026

Testing organisation : Koikas Acoustics Pty Ltd
Signature :

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.

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