Technical Summary

Part 1 : Dimensions

Width	180	mm
Length	1500	mm
Total Thickness	6.5	mm
Underlay Thickness	1.5	mm
Boards Per Box	5	planks
Box Size	1.62	sqm

Part 2 : General Data

Click Lock System	4 Sided Click
Core Type	SPC (Stone plastic composite / stone polymer composite)
Wear Resistance	0.5mm with anti-scratch (ceramic beads) and anti-stain (UV coat)
Finish	Embossed
Installation Method	Floating Installation
Stain Resistant	Yes (built into wear layer)
Fade Resistant	Yes
Slip Resistance (Wet)	P3 (Reported SRV 44)
Slip Resistance (Dry)	D1 (0.71)
Impact Sound Resistance	40 Lntw (AAAC 6 Star) 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.

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

Profile	Micro Bevel
Box Weight	16.8kg
Crystalline Silica	Installed: Not Detected During Installation (Air Monitor Following Installer): Insignificant, passes Australian Standards
Pattern Repeat	6 pure unique planks, with additional 30mm non-repeat at one end across all planks. For Select Blackbutt and Brushbox, 12 pure unique planks, with additional 30mm non-repeat at one end across all planks.

Part 3 : Warranty

General Residential	25	Years
Light Commercial	5	Years

Acoustic Test Report

Underlay Tested : 6.5mm Hybrid
Test Conducted By : Koikas Acoustics Pty Ltd
Prepared For : Royal Floors
Test Date : 14/11/2018

System Tested[1]	L'nTw3	Equivalent AAAC Star Rating	FIIC4,6
Bare concrete floor (ECFS1 only), for comparison purpose only	56	2	44
Test 01 6.5mm Hybrid vinyl plank + ECFS1	40	6	65

BCA Requirement

For verification of the impact noise rating for floors, PartRV51 (b) of the latest update of the Building Code of Australia (BCA) 2019 states: Impact: a weighted standardised impact sound pressure level (LnTw) not more than 62 when determine under AS/ISO 717.2

AAAC Star Rating Performance Requirements

Reproduced from the Association of Australasian Acoustical Consultants (AAAC) Guideline for Apartment and Townhouse Acoustic Ratings, the following Table (Section C) describes the acoustic ratings with reference to the Star Rating System.

INTER-TENANCY ACTIVITIES	2 Star	3 Star	4 Star	5 Star	6 Star
(c) Impact isolation of floors					
- Between tenancies $L_{nTw} \leq$	65	55	50	45	40
- Between all other spaces & tenancies $L_{nTw} \leq$	65	55	50	45	40

Wet Slip Test Certificate

Monday, 26th April 2021

Sample Description : 6.5mm Hybrid

Date Tested : June 2018 (Tested through FORAY Laboratories – NATA Accreditation 1231)

Test Method : AS/NZS 4586-2013 Appendix A "Slip resistance classification of new pedestrian surface materials – Wet Pendulum Test Method" using a slider 96.

Test Data:

Sample Identification	**Wet floor friction result [1]**	**Classification [2] (Standards Australia AS 4586-2013)**
6.5mm Hybrid	44	P3

[1] Five test average value

[2] The classifications indicate that the contribution of the floor surfaces to the risk of slipping when wet is moderate

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Dry Slip Test Certificate

Monday, 26th April 2021

Sample Description : 6.5mm Hybrid

Date Tested : June 2018 (Tested through FORAY Laboratories – NATA Accreditation 1231)

Test Method : AS/NZS 4586-2013 Appendix B "Slip resistance classification of new pedestrian surface materials – Dry Floor Friction Test Method".

Test Data:

Sample Identification	**Dry floor friction result** [1]	**Classification** [2] **(AS 4586-2013 Australian Standards)**
6.5mm Hybrid	0.71	D1

[1] Five test average value

[2] The classifications indicate that the contribution of the floor surfaces to the risk of slipping when dry is very low

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Fire & Smoke Test Certificate

Monday, 26th April 2021

Sample Description : 6.5mm Hybrid

Date Tested : June 2018 (Tested by Laboratories – NATA Accreditation 1356)

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

Test Data:

AS/ISO 9239-1:2003	**6.5mm Hybrid**
Critical Heat Flux/Critical Radiant Flux*	6.2 kW/m²
Smoke Value*	177 %.min
Blistering	Yes
Melting	Yes

* Three test average value

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Melbourne | Sydney | Brisbane | Perth | London

Respirable Silica Test

AIRSAFE

PROJECT: **708/5 Brodie Spark Drive, Wolli Creek NSW 2205** **JOB NO: 61942**

Sample No	Location/Reference	Time		Total Time [mins]	Average Flow Rate [L/min]	Total Volume [L]	Type	Concentration [mg /filter]	Concentration [mg /m^3]
		On	Off						
61942-1	Internal – Kitchen benchtop	0910	1710	480	3.0	1440	S	< 10	< 0.02

Method: Filters analysed by Envirolab [NATA Accredited Laboratory 2901] using in-house method DUST-004 – Respirable Quartz (and/or Cristobalite) determined after ashing, redeposition and FTIR determination. Inorg-100 Filter/Media Mass – determined gravimetrically. For high volume filters the methodology is in accordance with AS3580.9.3 for TSP or AS3580.9.6 for PM10 where the correct sampler has been used.

Sampling: All samples have been taken by Airsafe personnel in accordance with AS 2985-2009 Workplace atmospheres – Method for sampling and gravimetric determination of respirable dust and the Working with Silica and Silica Containing Products National Guidance Material [Safe Work Australia, September 2019].

All air sampling pumps are checked and calibrated every 12 months, this is after three consecutive 6 monthly tests showing results within ± 5% of the expected results. The air sampling pumps are also checked on site before and after the sampling period using a field rotameter.

Quality Control: A field blank is taken and analysed for each batch of samples.

Note: The results relate only to the samples tested. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards

Result Codes: [S] – Static Sampling.

Environmental Conditions: Background air monitoring.

Task Being Measured: Background air monitoring following installation of new flooring.

Control Measures in Place: N/A.

Results: Location 61942-1: The TWA concentration of dust was < 0.02 mg/m^3

Discussion: Results indicate all concentrations obtained for the above locations **are less than** the time-weighted average exposure standard of **0.05 mg/m^3 for Crystalline Silica.**