



Registration Certificate

Carpet Name: **AIRLAY SIERRA**

Licensee: **AIRLAY INTERNATIONAL P/L**

Licence Number: **2304**

Label Number: **23372**

ACCS Contract Grading: **CEHD 4***

ACCS Residential Grading: **REHD2 6***

Suitable for Stairs: **Yes**

Date Printed: **29/11/2023**



Andrew Martin
Secretary ACCS



Administered by the Carpet Institute of Australia Limited ABN 11 006 829 303

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Names:
AIRLAY SIERRA

Details:

Awarded Res Grade: REHD2 6*
Awarded Con Grade: CEHD 4*
Registered On: 27/11/2023
Active: Yes
Date In-Active:
Manufacture Method: Tufted
Twist Set: N/A
Dyeing Method: Melt Dyed
#Colours/Designs: 5
Backing Type: Other
Felted: N/A
Spinning System: BCF
Insect Resist Agent: N/A
Filament: 20
Master Product: 23309

Hexapod Scores:

Texture		Colour		Thickness	
WA		WA		(mm)	(%)
1500:	4.5 4.5	4.5 4.5	0.2	6.0	
8000:	3.0 3.0	4.0 4.0	0.9	30.9	

ACCS Test:

	Con	Res	Max
SPM/PH Ratio:	16	16	16
Volume Density:	17.6	17.6	20
Tuft Density:	8.5	8.5	9
Dyn Load:	3.9	3.9	5
Stat Load:	4.1	4.1	5
Soiling Prop:	12	12	16
Abrasion Res:	10	10	10
Sub Total:	72.1	72.1	81
Panel Assess:	14	14	19
Total:	86.1	86.1	100
Calc Residential Grade:	REHD2	6*	
Calc Contract Grade:	CHD	3*	

Environmental Classification:

ECS:	Yes		
Level:	4		
	Calc	B/M	P/F
Acoustic:	2.8	3	
Thermal:	16.8	15	PASS
VOC:			
TVOC	227		

Test Results:

Pile Mass g/m² (oz/yd²): 750 (22.1)
SPM g/m² (oz/yd²): 467 (13.8)
Stated Pile Height (mm): 4.0
Minimum Pile Height (mm): 3.0
Maximum Pile Height (mm): 5.5
Dynamic Loading Loss (%): 0.0
Static Loading Loss (%): 0.0
Tex (g/1000m): 390
Measured Pile Thickness (mm): 2.8
Machine Gauge (Tufts/dm): 47.0
Meas Tufts Perp to Selvedge: 47.8
Meas Tufts Para to Selvedge: 36.1
Treated For Soiling Resistance: Yes
Soil Resist Inhibitor: No
Stain Resist Inhibitor: No

Quality Assurance Test:

Cut Pile (%): 0
Loop Pile (%): 100
Panel Assessment Contract: 14
Panel Assessment Residential: 14
Suitable For Stairs: Yes
Tile: Yes SheetGoods: No
Fibre Signature: NBA:100

Calculations

Pile Height(mm):	3.5
Tuft Density(per dm ²):	1725.6
GSPM(g/m ²):	397.0
GSPM (abrasive) (g/m ²):	275.0
Soiling Propensity:	12.0 +0.0

OAF Values

OAF:	4.2
Calc Density (+-5%):	0.16 0.167 0.18
Base Fibre:	NYLON
Benchmarks:	
RHD1 0	RHD2 3.5
REHD1 3.5	REHD2 3.5

Notes:

27/11/2023 - Cloned From Master - (23309) by S Elrington.