

# Environmental Certification Scheme

Carpet Name: **OPEN AIR 405**

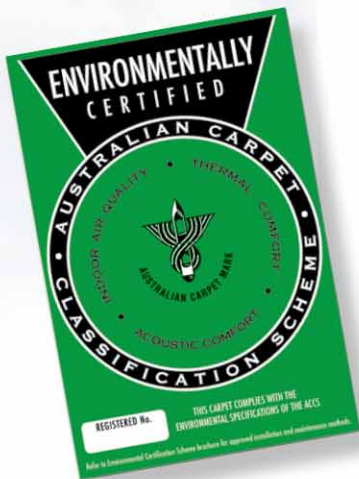
Licensee: **INTERFACE**  
Licence Number: **1016**  
Label Number: **21220**

Certification Approved: **21/06/2021**

Level: **4**

ACCS Contract Grading: **CEHD 4\***  
ACCS Residential Grading: **NONE**  
Suitable for Stairs: **Yes**

Date Printed: **24/06/2021**



*Allan Firth*



**Allan Firth**  
Secretary ACCS



Administered by the Carpet Institute of Australia Limited ABN 11 006 829 303  
PO Box 7172, St Kilda Road, Melbourne Victoria 8004 Tel: (03) 9804 5559 • Fax: (03) 9804 5560  
Email: info@carpetoz.com.au • www.carpetinstitute.com.au

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**Carpet Details:**

**Company: INTERFACE**

**Label No: 21220**

**Licence No: 1016**

**Office No: 7167**

**Names:**

OPEN AIR 405

**Details:**

Awarded Res Grade: NONE  
 Awarded Con Grade: CEHD 4\*  
 Registered On: 21/06/2021  
 Active: Yes  
 Date In-Active:  
 Manufacture Method: Tufted  
 Twist Set: N/A  
 Dyeing Method: Melt Dyed  
 #Colours/Designs: 9/1  
 Backing Type: Latex  
 Felted: N/A  
 Spinning System: BCF  
 Insect Resist Agent: N/A  
 Filament: 21.3  
 Master Product:

**Test Results:**

Pile Mass g/m<sup>2</sup> (oz/yd<sup>2</sup>): 610 (18.0)  
 SPM g/m<sup>2</sup> (oz/yd<sup>2</sup>): 379.7 (11.2)  
 Stated Pile Height (mm): 3.2  
 Minimum Pile Height (mm): 0.0  
 Maximum Pile Height (mm): 0.0  
 Dynamic Loading Loss (%): 0.0  
 Static Loading Loss (%): 0.0  
 Tex (g/1000m): 300  
 Measured Pile Thickness (mm): 3.2  
 Machine Gauge (Tufts/dm): 47.0  
 Meas Tufts Perp to Selvedge: 48.0  
 Meas Tufts Para to Selvedge: 35.0  
 Treated For Soiling Resistance: Yes  
 Soil Resist Inhibitor: Yes  
 Stain Resist Inhibitor: Yes

**Hexapod Scores:**

|       | Texture |     | Colour |     | Thickness |      |
|-------|---------|-----|--------|-----|-----------|------|
|       | WA      |     | WA     |     | (mm)      | (%)  |
| 1500: | 4.0     | 0.0 | 4.0    | 0.0 | 0.2       | 6.7  |
| 8000: | 4.0     | 0.0 | 3.0    | 0.0 | 0.8       | 26.7 |

Quality Assurance Test:

Cut Pile (%): 0  
 Loop Pile (%): 100  
 Panel Assessment Contract: 15  
 Panel Assessment Residential: 15  
 Suitable For Stairs: Yes  
 Tile: Yes SheetGoods: No  
 Fibre Signature: NBA:100

**ACCS Test:**

|                         | Con   | Res  | Max |
|-------------------------|-------|------|-----|
| SPM/PH Ratio:           | 13.8  | 16   | 16  |
| Volume Density:         | 13.2  | 13.2 | 20  |
| Tuft Density:           | 8.2   | 8.2  | 9   |
| Dyn Load:               | 3.9   | 3.9  | 5   |
| Stat Load:              | 4.1   | 4.1  | 5   |
| Soiling Prop:           | 14    | 14   | 16  |
| Abrasion Res:           | 9.7   | 9.7  | 10  |
| Sub Total:              | 66.9  | 69.1 | 81  |
| Panel Assess:           | 15    | 15   | 19  |
| Total:                  | 81.9  | 84.1 | 100 |
| Calc Residential Grade: | REHD2 |      | 6*  |
| Calc Contract Grade:    | CHD   |      | 3*  |

**Calculations**

Pile Height(mm): 3.8  
 Tuft Density(per dm<sup>2</sup>): 1680.0  
 GSPM(g/m<sup>2</sup>): 397.0  
 GSPM (abrasive) (g/m<sup>2</sup>): 275.0  
 Soiling Propensity: 12.0 +2.0

**OAF Values**

OAF: 4.2  
 Calc Density (+-5%): 0.11 0.119 0.12  
 Base Fibre: NYLON  
 Benchmarks:  
 RHD1 0 RHD2 3.5  
 REHD1 3.5 REHD2 3.5

**Environmental Classification:**

ECS: Yes  
 Level: 4

|           | Calc | B/M | P/F  |
|-----------|------|-----|------|
| Acoustic: | 3.2  | 3   | PASS |
| Thermal:  | 27   | 15  | PASS |
| VOC:      |      |     |      |
| TVOC      | 20   |     |      |

**Notes:**

21/6/21 Submitted by X Traslavina. 23/6/21 Panel awarded CEHD(S) 4\* and ECS Level 4.