

# Southern Lights (Tile) - Envibond™

## Technical Specification

### Construction

Tufted multi-height loop pile

### Face Yarn

100% Nylon 6,6 BCF

### Total Pile Mass

813g/m<sup>2</sup> (24 oz/yard<sup>2</sup>)

### Dye Method

Solution Dyed

### Gauge

48.0per 10cm (1/12<sup>th</sup> gauge)

### Rows

31.8mm average

### Finished Pile Height

3.6mm average

### Total Thickness

9.9mm average

### Backing

Envibond™ cushioning layer with double reinforced bonding layer. Please refer to the Envibond™ Backing Specification document for additional information.

### Module Size

457.2mm X 457.2mm

### Box Quantity

4.598m<sup>2</sup> (22 tiles per box)

### Total Weight

4,708g/m<sup>2</sup>

## Performance Specification



### Flammability

Radiant Panel Test ISO9239-1  
 - CRF > 2.2kW/m<sup>2</sup>  
 - Smoke < 1202%. minutes



### Dimensional Stability

International Aachner Test:  
 - Less than 0.2% at both primary and secondary backing levels



### Electrostatic Propensity

Less than 3.5kv at 21°C and 20% RH



### Bulk Resistance

5 x 10<sup>5</sup> to 2 x 10<sup>10</sup> OHMS



### Edge Integrity

No unravelling at edge of module



### Colourfastness

Meets or exceeds the relevant Australian standard in the following tests:  
 - To light Xenon Arc Test: (5-6)  
 - To shampoo AS2111.19.2 (3-4)  
 - To rubbing AS 2111.19.1 (4) (wet & dry)



### Soil Protection

Soil and stain protection applied



### Castor Chair Test

BS.EN985 Pass

## Applicable Warranties



**15 year  
Wear Warranty**



**15 year  
Dimensional Stability warranty**



**15 year  
Anti-Static Warranty**



**15 year  
Castor Chair Wear Warranty**

## Environmental Assessment



### ACCES-ECS Level 4

(Certificate No. 11229)



Maximum available credit points in the following sections of Green Star:

- Materials (Flooring Calculator)
- IEQ (Low VOC Emissions)
- PVC Credit available upon request



### EarthPlus® Program

Product take back program



### Environmental Stewardship

High post-consumer recycled content

## ACCES Grading

CEHD&S – Commercial Extra Heavy Duty and stairs (Certificate No. 11229)

## Installation

Grid Stick method using low-VOC water based acrylic adhesive as per AS 2455 Parts 1 & 2

## General

Specifications are subject to normal manufacturing tolerances and may be altered without notice. Production may vary from dye-lot to dye-lot

