m/s FELTEX
7 FACTORIES Rd
SOUTH GEELONG VIC 3220

**TEST REPORT No. 125572**

**LABORATORY REF: P125572**

CUSTOMER REFERENCE
## RESOLUTION

**Sample description as provided by customer**
Mass/unit area **48** oz/yd²
Pile Fibre Content **80% Wool 10% Polypropylene 10% Polyester**
Order No. **APL 4A**
Construction Details **Tufted** Secondary Backing **Jute**
Colour **#94**
Style **Cut Pile Twist**
Pile Height **8** mm

**TEST METHOD AS/ISO 9239.1 2003 Reaction To Fire Tests For Floorings Part 1 Determination of the Burning Behaviour Using a Radiant Heat Source. *As required by specification C1.10a of the Building Code of Australia.***

*Tested in accordance with the Carpet Institute Code of Practice for AS/ISO 9239 Testing Version 10 / 0805.*

The test values relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use. Clause 9 of AS/ISO 9239 Part 1.

Conditioning as specified in BS EN 13238.2001
Sample submitted Date **April 2012** Test Date **07 May 2012**

## ASSEMBLY SYSTEM: DOUBLE BOND (DOUBLE STICK) AIRSTEP SENSI SLAB

**The underlay used was AIRSTEP SENSI SLAB it was adhered to the substrate using ROBERTS 656 adhesive. The floor covering was adhered to the underlay using ROBERTS 95 adhesive.**

**Substrate: Non-Combustible**
**Substrate - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.**
The Holding Torque on Specimen Frame was 2Nm.

Initial Test Specimen 1 Length Direction Critical Radiant Flux **5.0** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **4.9** kW/m²
Full tests carried out in the **Width** Direction

| SPECIMEN | Width #1 | Width #2 | Width #3 | Mean |
|---|---|---|---|---|
| Critical Radiant Flux (kW/m²) | 4.9 | 3.7 | 4.3 | 4.3 |
| Smoke Development Rate (%.min) | 226 | 267 | 303 | 265 |

*The values quoted below are as required by Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia. The Critical Radiant Flux quoted is the value at Flame-Out/Extinguishment (BCA General Provisions A1.1).*

## MEAN CRITICAL RADIANT FLUX 4.3 kW/m²

## MEAN SMOKE DEVELOPMENT RATE 265 percent-minutes

OBSERVATIONS: **The samples shrunk away from the heat source, ignited and burnt a short distance.**

NATA
ACCREDITED FOR TECHNICAL COMPETENCE

**M. B. Webb**
Technical Manager

DATE: 07 May 2012

Measurement Science & Technology No. 15393
**Accredited for compliance with ISO/IEC 17025.**

**PAGE 1 of 2**

This Page (1) has been designed to show the values required under Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.

The values on Page 2 have no relevance to the Code.

1004 04 09

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