Att Mr Paul Sommerville
m/s BELTEX ENTERPRISES P /L
47 Pegasus Avenue
Eatons Hill Q/land 21037

TEST REPORT No. 082889

LABORATORY REF: P082889

CUSTOMER REFERENCE

LES BEST DESIGN

Sample description as provided by customer Order No. **PS**

Mass/unit area oz/yd² **1200** g/m² Pile Fibre Content **100% POLYAMIDE**

Construction Details **Tufted** Secondary Backing **Synthetic** Colour **Green /Blue Print**

Style **CUT PILE** Pile Height **6.8** 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 results 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 **2/10/2008** Test Date **20/10/2008**

ASSEMBLY SYSTEM DOUBLE BOND (DOUBLE STICK) details below.

The underlay used was 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.
Sample Cleaned as Specified in ISO 11379.1997

Initial Test Specimen 1 Length Direction Critical Radiant Flux **4.2** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **4.4** kW/m²
Full tests carried out in the **Length** Direction

SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m²)	4.2	4.5	4.7	4.5
Smoke Development Rate (%.min)	487	459	429	458

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.

MEAN CRITICAL RADIANT FLUX 4.5 kW/m²

MEAN SMOKE DEVELOPMENT RATE 458 %.min

OBSERVATIONS **The samples shrunk away from the heat source then ignited**

NATA
ACCREDITED FOR TECHNICAL COMPETENCE

Authorised Signatory **M. B. Webb**
Technical Manager
DATE 20/10/2008
Measurement Science and Technology No. 15393

PAGE 1 of 2
Page 2 only shows the time required in seconds for the flame front to reach each time marker, the total test time and the CHF value at 30 minutes (if applicable).
The laboratory allows the use of this page of the report without the use of page 2.

1003 05 07