Att MS Elizabeth Mackowiak
m/s FELTEX,
7 Factories Rd South Geelong Vic 3220

TEST REPORT No. 082875A

LABORATORY REF: P082875A

CUSTOMER REFERENCE

ARIA TILE

Sample description as provided by customer

Order No. **APL 9J**

Mass/unit area **17** oz/yd² g/m² Pile Fibre Content **100% SOLUTION DYED NYLON**

Construction Details **Tufted** Secondary Backing **TILE BACKING EcoComposite**

Colour **GREY**

Style **LOOP PILE**

Pile Height **3** mm

THE SAMPLE TESTED WAS MODULAR CARPET Tile Backing EcoComposite

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 **25/9/2008** Test Date **9/10/2008**

ASSEMBLY SYSTEM DIRECT STICK details below.

The floor covering was directly stuck to the substrate using A WATER BASED SURFACE CONTACT 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 **6.1** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **5.9** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	5.9	5.1	8.0	6.3
Smoke Development Rate (%.min)	416	416	287	373

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 6.3 kW/m²

MEAN SMOKE DEVELOPMENT RATE 373 %.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
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

APL Australia Pty Ltd
5 Carinish Rd, Oakleigh South
Victoria 3167 Australia

Telephone: 03 9543 1618
Facsimile: 03 9562 1818
Mobile: 0411 039 088

Email: apl@aplaustralia.com.au
Web: www.aplaustralia.com.au
ABN 69 468 849 319