

CUSTOMER REFERENCE

## ARIA TILE

Sample description as provided by customer

Mass/unit area 17 oz/yd<sup>2</sup> g/m<sup>2</sup> Pile Fibre Content 100% SOLUTION DYED NYLON  
Construction Details Tufted Secondary Backing TILE BACKING EcoComposite  
Style LOOP PILE

Order No. APL 9J

Colour GREY

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/m<sup>2</sup>  
Specimen 1 Width Direction Critical Radiant Flux 5.9 kW/m<sup>2</sup>  
Full tests carried out in the Width Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	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/m<sup>2</sup>

### MEAN SMOKE DEVELOPMENT RATE 373 %.min

OBSERVATIONS The samples shrunk away from the heat source then ignited

	Authorised Signatory <b>M. B. Webb</b>
	Technical Manager
	DATE 
	Measurement Science and Technology No. 15393

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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.

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