

CUSTOMER REFERENCE

RECLAIM RIBS

Sample description as provided by customer

Mass/unit area **670 g/m²** Pile Fibre Content **100% SOLUTION DYED NYLON** Order No. **KAS**
 Construction Details **Tufted** Secondary Backing **MODIFIED BITUMEN** Colour **Blue**
 Style **STRUCTURED LOOP PILE** Pile Height **3.5 mm**

THE SAMPLES TESTED WERE MODULAR CARPET

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 **October 2011** Test Date **4/11/2011**

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using **FULLY ADHERED USING MAPEI ECO TACK 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 **8.6 kW/m²**
 Specimen 1 Width Direction Critical Radiant Flux **8.0 kW/m²**
 Full tests carried out in the **Width** Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	8.0	7.8	9.3	8.4
Smoke Development Rate (%.min)	190	176	184	183

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 **8.4 kW/m²**

MEAN SMOKE DEVELOPMENT RATE **183 percent-minutes**


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



M. B. Webb
 Technical Manager

DATE: 4/11/2011

Measurement Science & Technology No. 15393
This document is issued in accordance with NATA's accreditation requirements.



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


TIME FOR EACH SPECIMEN TO REACH EACH MARKER IN SECONDS

Specimen	50	60	110	160	210	260	310	360	410	460	510	560	610	660	710	760	810	860
1	293	294	371	485	586	0	/											
2	240	241	350	451	630	865	/											
3	251	253	349	603														

TESTS	SMOKE PRODUCTION		BURNING CHARACTERISTICS		
	Specimen	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)
Initial Test: Length				241	
Specimen Tests: Width					
1		44	190	255	1,071
2		36	176	265	945
3		27	184	193	751
Mean		36	183	238	922



ACCREDITED FOR
**TECHNICAL
COMPETENCE**



M. B. Webb
Technical Manager

DATE: 4/11/2011

Measurement Science
& Technology No. 15393
**This document is issued in
accordance with NATA's
accreditation requirements.**

The laboratory does not allow the use of this page of the report without the use of page 1.
This page alone has no validity under specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.
2004 04 09 4273 4 November 2011