

CUSTOMER REFERENCE

LATROBE

Sample description as provided by customer

Mass/unit area 29 oz/yd²

Pile Fibre Content 80% WOOL 20% SYNTHETIC

Order No. APL 7F

Construction Details Tufted Secondary Backing Jute

Colour *7950

Style CUT PILE TWIST

Pile Height 6.5 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 23/7/2011

Test Date 23/8/2011

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate 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 7.0 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 7.6 kW/m²
Full tests carried out in the Length Direction

SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	7.0	6.9	7.1	7.0
Smoke Development Rate (%.min)	41	32	42	38

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 7.0 kW/m²

MEAN SMOKE DEVELOPMENT RATE 38 percent-minutes

OBSERVATIONS: The samples singed, ignited and then burnt a relatively short distance.



ACCREDITED FOR
TECHNICAL
COMPETENCE

M. B. Webb
Technical Manager

DATE: 23/8/2011

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

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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.

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