



MS Sue Schultz
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TEST REPORT No. 000878A

LABORATORY REF: P060878A

CUSTOMER REFERENCE
TUSCAN SUN ESD

Sample description as provided by customer Order No. **9785**
 Mass/unit area **30 oz/yd² 1018 g/m²** Pile Fibre Content **100% RESISTAIN SOLUTION DYED NYLON**
 Construction Details **Tufted** Secondary Backing **Synthetic** Colour **Brown**
 Style **CUT PILE** Pile Height / 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 **October 2006** Test Date **18/12/2006**

ASSEMBLY SYSTEM DIRECT STICK details below.

The floor covering was directly stuck to the substrate using ROBERTS 95 SF 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 8.8 kW/m²
 Specimen 1 Width Direction Critical Radiant Flux 9.1 kW/m²
 Full tests carried out in the Length direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	8.8	9.4	9.5	9.2
Smoke Development Rate (%.min)	40	58	54	51

The values quoted below are as required by Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.


MEAN CRITICAL RADIANT FLUX 9.2kW/m²

MEAN SMOKE DEVELOPMENT RATE 51percentage-minutes

OBSERVATIONS The samples melted away from the heat source then Ignited



Authorised Signatory **M. B. Webb**
 Date **18/12/2006**



ACCREDITED FOR **TECHNICAL COMPETENCE** NATA Reg. No. 15393
 Heat and temperature measurement.

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.

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