

Attn: MS Sue Schultz m/s Beaulieu of Australia 166 Pearson Rd, YATALA Queensland 4207

LABORATORY TEST REPORT P182679

LASSEN PEAK

Sample description as provided by customer Order No. PO 29235 Pile weight mass/unit area 26 oz/yd² Pile Fibre Content 100% SOLUTION DYED RESISTAIN NYLON Construction Details Tufted Secondary Backing Synthetic Colour Brown Style Multi Level Loop 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 the Building Code of Australia (BCA) and National Construction Code 2015 (NCC) specifications C1.10. Sample conditioning as specified in BS EN 13238.2010.

Sample Submitted Date Feb 2018

Test Date 08 Feb 2018

Total Thickness

mm

Assembly: OVER UNDERLAY DUNLOP SUPERGREEN 10 mm.

The UNDERLAY used was DUNLOP SUPERGREEN 10 mm.

Substrate: Non-Combustible - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring. The Holding Torque on Specimen Frame was 2Nm.

The standard requires two Initial Tests be conducted on samples mounted in both Length and Width directions. Two further samples are then tested in whichever direction has the lowest Critical Radiant Flux.

Initial Tests: Length Direction Critical Radiant Flux 2.2 kW/m² Width Direction Critical Radiant Flux 2.0 kW/m²

| | Specimen Tests conducted in the Width Direction | | | | | | | | | | |
|---|---|---|-------------|-----|-----------|------|--|--|--|--|--|
| | Specimen #1 | | Specimen #2 | Spe | ecimen #3 | Mean | | | | | |
| Critical Radiant Flux (kW/m ²) | 2. | 0 | 2.4 | | 2.2 | 2.2 | | | | | |
| Smoke Development Rate (%.min) | 28 | 2 | 181 | | 266 | 243 | | | | | |

The values quoted below are as required by BCA and NCC Specification C1.10 Fire Hazard Properties (Floors). The Critical Radiant Flux quoted is the value at Flame-Out/Extinguishment (BCA General Provisions A1.1).

Mean Critical Radiant Flux 2.2 kW/m²

Mean Smoke Development Rate 243 %.min

Observations: The samples shrunk away from the heat source, ignited and burnt.

AS.ISO 9239.1 Clause 9(o) 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. All information required for compliance with the BCA and NCC is given on this test report page.

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(v5-0, 11/03/2017)



M. B. Webb **Technical Manager**

Performance & Approvals ACCREDITED FOR Accreditation No. 15393

TECHNICAL COMPETENCE Accredited for compliance with ISO/IEC 17025.

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LABORATORY TEST REPORTThe information provided on this page of the test report is for the Sponsors Use Only and will meet the requirements of the standard.Page 2 of 2P182679This page is Not Required and has No Validity under Specification C1.10 Fire Hazard Properties (Floors) of the BCA and NCC 2015.
The laboratory does not allow the use of this page of the report without the use of page 1.Page 2 of 2

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 | 166 | 167 | 176 | 198 | 225 | 243 | 270 | 277 | 334 | 417 | 595 | 925 | 1133 | | | | | |
| 2 | 196 | 197 | 203 | 208 | 230 | 247 | 267 | 301 | 357 | 470 | 730 | 1089 | | | | | | |
| 3 | 159 | 160 | 192 | 208 | 227 | 259 | 266 | 287 | 320 | 400 | 582 | 898 | 1288 | | | | | |

| TESTS | BURNING CHARAC | CTERISTICS | SMOKE PRODUCT | ION | |
|-----------------------|---|----------------------------|-------------------------------------|--------------------------------------|-----------------|
| Specimen | Burn Length (mm) at Flame Out/ Extinguishment | Time To Burn Out (s) | Maximum Light Attenuation (%) | Smoke Development Rate (%.min) | Ň |
| Initial Test: Length | 620 | 1,031 | 72 | 275 | |
| Specimen Tests: Width | | | | | |
| 1 | 650 | 1,306 | 74 | 282 | DATE |
| 2 | 600 | 1,429 | 71 | 181 | Perfor |
| 3 | 620 | 1,631 | 74 | 266 | Accree Accre |
| Mean | 623 | 1,455 | 73 | 243 | with l |



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