

m/s Quest Carpet Manufactures Pty Ltd
43-45 Mark Anthony Drive Dandenong South Vic 3175
Attn: Ms Bridget Sunderland

TEST REPORT No. 158899
LABORATORY REF: P158899

CUSTOMER REFERENCE
MEDITERRANEAN 40

Sample description as provided by customer
Mass/unit area **40 oz/yd² 1360 g/m²**
Construction Details **Tufted** Secondary Backing **Jute**
Style **Cut Pile Twist**
REF **11/6265B B 4646**

Order No. **BS**
Pile Fibre Content **100% SOLUTION DYED NYLON**
Colour **Cedar Plank**
Pile Height **8 mm**

TEST METHOD ISO 9239-1(2010 06-15) Determination of the Burning Behaviour using a radiant heat source As required by the New Zealand Building Code Clause C3.4 (b) (April 2012)

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. Clause 10 (o) of ISO 9239-1:2010.

Conditioning as specified in BS EN 13238.2001

Sample submitted Date **Apr 2015** Test Date **03 May 2015**

ASSEMBLY SYSTEM: OVER UNDERLAY SLEEPYHEAD 10mm 90Kg.

The UNDERLAY used was **SLEEPYHEAD 10mm 90Kg.**

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 **3.0 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **2.3 kW/m²**
Full tests carried out in the **Width** Direction

| SPECIMEN | Width #1 | Width #2 | Width #3 | Mean |
|--|------------|------------|------------|------------|
| Critical Radiant Flux (kW/m ²) | 2.3 | 3.1 | 2.9 | 2.8 |

The value quoted below is as required by the New Zealand Building Code Clause C3.4 (b) (April 2012) "Minimum critical radiant flux when tested to ISO 9239-1:2010". Hence the Radiant Flux quoted is the value at Flame-Out/Extinguishment Not after a 30 minute burn as used in Europe.

MEAN CRITICAL RADIANT FLUX 2.8 kW/m²

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

| | | |
|---|--|---|
|  | M. B. Webb Technical Manager |  |
| | DATE: 03 May 2015 Performance & Approvals Testing No. 15393 Accredited for compliance with ISO/IEC 17025. | |

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Clause 10 (o) of ISO 9239-1:2010

The values on Page 2 have no relevance to the Code.

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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 | 239 | 241 | 280 | 322 | 369 | 403 | 458 | 494 | 583 | 825 | 1217 | 2466 | 3093 | / | | | | |
| 2 | 217 | 218 | 292 | 323 | 340 | 415 | 435 | 494 | 541 | 679 | 1158 | / | | | | | | |
| 3 | 219 | 221 | 279 | 348 | 416 | 442 | 477 | 501 | 683 | 821 | 1283 | | | | | | | |

TESTS

BURNING CHARACTERISTICS

| Specimen | Burn Length (mm) at Flame Out/ Extinguishment | Time To Burn Out (s) |
|------------------------------|---|----------------------|
| Initial Test: Length | 530 | 2,993 |
| Specimen Tests: Width | | |
| 1 | 615 | 3,424 |
| 2 | 520 | 1,491 |
| 3 | 540 | 1,674 |
| Mean | 564 | 2,196 |

NATA
ACCREDITED FOR
**TECHNICAL
COMPETENCE**

M. B. Webb
Technical Manager

DATE: 03 May 2015

Performance and Approvals
Testing No. 15393
**Accredited for compliance
with ISO/IEC 17025.**

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 Clause 10 (o) of ISO 9239-1:2010

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