

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400

TEST REPORT

Client : Signature Floorcoverings Pty Ltd
13 Wurundjeri Drive
Epping VIC 3076

Test Number : 20-003224
Issue Date : 18/08/2020
Print Date : 18/08/2020
Order Number : PO114596

Sample Description Clients Ref : "Raw Elements - Bedrock/Gemstone - Comfi Bak"
Loop pile carpet tile
End Use : Flooring
Nominal Composition : Solution Dyed Nylon
Nominal Mass per Unit Area/Density : 680-712g/m²
Nominal Thickness : 4.5mm

AS ISO 9239.1-2003

Reaction to Fire Tests for Floorings. Determination of the Burning Behaviour using a Radiant Heat Source

Date of Sample Arrival 30/06/2020
Date Tested 14/08/2020

CHF Value	1	2	3	Mean
Length	8.7	8.1	8.5	8.4 kW/m ²
Width	9.4	-	-	- kW/m ²

HF-30 Value	1	2	3	Mean
Length	-	-	-	- kW/m ²
Width	-	-	-	- kW/m ²

Smoke Value	1	2	3	Mean
Length	171	82	70	108 % .min
Width	89	-	-	- % .min

Melting Yes
Penetration of flame through to substrate Yes

212060

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- Chemical Testing
- Mechanical Testing
- Performance & Approvals Testing

: Accreditation No. 983
: Accreditation No. 985
: Accreditation No. 1356

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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 sole criterion for assessing the potential fire hazard of the product in use.

Sample was conditioned in accordance with BSEN 13238:2010 at a temperature of $23\pm 2^{\circ}\text{C}$ and relative humidity of $50\pm 5\%$ for a minimum of 48 hours prior to testing.

Results in accordance with section 8.4 have not been included in the report. They are available upon request.

Each specimen was adhered to a substrate of 6mm thick fibre reinforced cement board using Roberts 656 adhesive and clamped prior to testing.

HF30 not reported as flame out time occurred before 30 minutes.

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