



EWFA Test Report No.	362237-00.2	Page 1 of 2
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Report Sponsor	Issue Date
Spectrum Floors, 8 Selgar Avenue, Clovelly Park SA 5042	20 th August 2015

Test in accordance with AS ISO 9239.1 - 2003

Amendment to Original Report
This is the second edition of the report of the test. It has been issued to correct a typographical error.



Objective
To determine the performance of the material samples as described in this report when subjected to the test conditions stated in the test standard referenced below.

Product	"Spectrum Plansystem" synthetic rubber flooring
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Test Reference	Reference Date
EWFA 36223700	20 th August 2015

Test Method	Supplementary Standards
AS ISO 9239.1 - 2003 Reaction to fire tests for floorings Part 1: Determination of the burning behaviour using a radiant heat source	BSEN 13238-2001

Product Description
The specimens tested consisted of 1050mm long by 230mm wide by 7.8mm thick sections of fibre reinforced cement sheets and Spectrum Plansystem Grain HG104 with chip relief, a 3mm (nom) thick synthetic rubber flooring adhered to the fibre reinforced cement sheets. These test specimens were supplied for testing by the sponsor of this test and arrived at the testing laboratory on the 29 th July 2015, the test was conducted on 11 th August 2015. The material had a nominal mass per unit area of 4.8 kg/m ² , as stated by the sponsor of the test (average specimen mass per unit area 11.49 kg m ⁻² incorporating the cement sheets). EWA personnel were not involved with the selection or preparation of these test specimens. Prior to conducting these tests each specimen was conditioned in accordance with BSEN 13238-2001 at a temperature of 23 ± 2 ° C and relative humidity of 50 ± 5% for a continuous period of more than 48 hours. The specimens were initially tested in both the longitudinal or warp direction and the transverse or weft direction. A further two specimens were then tested in the longitudinal or warp direction.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd
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Authorisation	Prepared By:  J. Richardson. Reviewed By:  C. M. McLean

Test Results

CHF (Critical Heat Flux / Critical Radiant Flux)

	1	2	3	Mean	
Length (Warp)	8.6	9.5	8.8	9.0	kW m ⁻²
Width (Weft)	9.1	-	-	-	kW m ⁻²

Smoke Value

	1	2	3	Mean	
Length (Warp)	161	120	325	202	% min
Width (Weft)	137	-	-	-	% min

Comments

The specimens exhibited blistering during the test.

Each specimen was clamped as supplied by client prior to testing.

Conditions/Validity

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These tests have been conducted in accordance with the standard referenced above and this report should be read in conjunction with that standard.

This test report does not provide an endorsement by Exova Warringtonfire Aus Pty Ltd of the performance of the actual products supplied. The tests were performed at AWTA laboratories under the technical control of Exova Warringtonfire Aus Pty Ltd. 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.