



Postal Address:
PO Box 4282
Dandenong South, Victoria 3164
Australia

EWFA Test Report No.	487313-00.1	Page 1 of 2
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Report Sponsor	Issue Date
The Tile People 11C Westward Ho Road, Glen Eden Auckland 0602	January 30 th , 2018

Test in accordance with AS/NZS 1530.1 - 1994

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	Fibre-C
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Test Reference	Reference Date
48731300 1	January 30 th , 2018

Test Method	Supplementary Standards
AS 1530.1:1994 Part 1: Combustibility test for materials	ISO 1182:2010



Product Description

The sponsor described the material as “extruded fibre reinforced concrete”. The material was grey in colour. The material was glass fibre reinforced concrete comprising of 90% sand and cement and 10% glass fibres, pigments and concrete additives, as nominated by the test sponsor.

The material was supplied in nominally 12.5mm thick disks and had a nominal density of 2125kg m⁻³.

EWFA personnel were not involved with the selection of these test specimens. The sponsor supplied the material cut into disks of 12.5 mm (nom) thickness. These were loose laid to form a sample 50 mm high for the test.

Before conducting these tests the test specimens were conditioned in a ventilated oven maintained at a temperature of 60±5°C for at least 20 and no more than 24 hours. Prior to conducting these tests the samples were cooled to room temperature in a desiccator.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd
Address	PO Box 4282 DANDENONG SOUTH VIC 3164 Unit 2, 409-411 Hammond Road DANDENONG VIC 3175
Phone / Fax	61 (0)3 9767 1000 / 61 (0)3 9767 1001
ABN	81 050 241 524
Email / Home Page	www.exova.com
Authorisation	Prepared By:  Reviewed By: 
	J. Richardson C. M. McLean

Test Results

Mean furnace temperature rise	1.4°C
Mean specimen centre thermocouple temperature rise	0.6°C
Mean specimen surface thermocouple temperature rise	1.2°C
Mean duration of sustained flaming	0 seconds
Mean mass loss	9.61%

Criteria of Combustibility

Clause 3.4 of AS1530.1:1994 defines a combustible material as one for which; the duration of sustained flaming, as determined by summing the individual durations of flaming of 5 seconds or longer for all of the samples and dividing by five, is greater than zero, or the arithmetic mean of the temperature rise of the furnace thermocouple exceeds 50°C or the arithmetic mean of the specimen surface thermocouple temperature rise exceeds 50°C.

Comments

The material is NOT DEEMED COMBUSTIBLE according to the criteria of combustibility specified in Clause 3.4 of AS 1530.1-1994 (R2016).

An alternative suitable insulating material, as specified in Clause 4.2 of ISO 1182:2010, was used to fill the annular space around the furnace tube.

Conditions/Validity

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These tests have been conducted in accordance with the test 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 CSIRO laboratories at the request of Exova Warringtonfire Aus Pty Ltd. These test results relate only to the behaviour of the material under the conditions of the test and are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.