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EWFA Test Report No.	28645-00a.1	Page 1 of 2
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Report Sponsor	Issue Date
Gunnerson Pty Ltd, 112 Salmon Street Port Melbourne VIC 3207	18/09/13

Test In accordance with AS/NZS 3837-1998

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


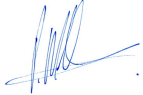
Product	Kronospan OSB Firestop ECO engineered timber
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Test Reference	Reference Date
EWFA 2864500a	September 18 th , 2013

Test Method	Supplementary Standards
AS/NZS 3837-1998 This report should be read in conjunction with this standard.	BSEN 13238-2001

Product Description

The three specimens tested were 99.8 mm by 99.9 mm by 15.9 mm thick samples of an engineered timber nominated by the test sponsor as "Kronospan OSB Firestop Eco". These material samples were manufactured by the sponsor of this test to form small plaques nominally 15.9mm thick and having a nominal density of 640.2 kg/m³. The test specimens were supplied fully prepared for testing by the test sponsor and EWA personnel were not involved with either the selection or preparation of these test specimens. Prior to testing, the specimens were conditioned in accordance with BSEN 13238-2001 at a temperature of 23 +/- 2 deg C and relative humidity of 50 +/- 5% for a continuous period of more than 48 hours.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd
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Authorisation	Prepared By:  Reviewed By: 
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Test Results

A summary of the results obtained from three tests from specimens numbered ewa-cc-909, specimen 1, ewa-cc-910, specimen 2 and ewa-cc- 911, specimen 3, respectively, is given below.

	Specimen			Mean	Units
	One	Two	Three		
Irradiance	50	50	50	50	kW/m ²
Exhaust Flow Rate	24	24	24	24	l/sec
Time to Sustained Flaming	26	26	31	28	secs
Test Duration	3600	3600	3600	3600	secs
Peak Heat Release Rate after Ignition	80.2	71.4	82.0	77.9	kW/m ²
Average Heat Release Rate @ 60s	64.7	58.6	74.3	65.9	kW/m ²
Average Heat Release Rate @180s	67.7	62.3	70.6	66.9	kW/m ²
Average Heat Release Rate @ 300s	61.6	58.9	65.2	61.9	kW/m ²
Total Heat Released	108.8	85.8	108.5	101.0	MJ/m ²
Average Effective Heat of Combustion	11.1	9.1	11.0	10.4	MJ/kg
Initial Thickness	16.0	16.0	16.0	16.0	mm
Initial Mass	100.8	98.2	102.3	100.4	grams
Mass Remaining	20.9	20.9	21.2	21.0	grams
Mass Percentage Pyrolysed	79.3	78.7	79.3	79.1	%
Average Rate of Mass Loss	2.7	2.6	2.8	2.7	g/m ² /s
Average Specific Extinction Area	13.0	1.5	2.8	5.8	m ² /kg

Throughout each test the specimens were subjected to a constant radiant heat flux of 50kW/m².

These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for the assessment of performance under real fire conditions. However, the results of these tests may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Conditions/Validity

These tests have been conducted in accordance with the standard referenced above and this report should be read in conjunction with that standard. The tests were performed at AWTA laboratories under the technical control of Exova Warringtonfire Aus Pty Ltd. This test report does not provide an endorsement by Exova Warringtonfire Aus Pty Ltd of the performance of the actual products supplied.