



中国认可  
国际互认  
检测  
TESTING  
CNAS L4743

**Test Report**

Report No.: AJFS2410012361FF

Date: NOV.06, 2024

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**Ozwood Timber Flooring Pty Ltd**

45 Winterton Rd Clayton VIC 3168 Australia

**Sample Description:** OZWORLD ENGINEERED OAK 15/4 mm

**SGS Ref No.:** AJHL2410004765HI

**Style/Item No.:** /

The above sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

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**Test Requested:**

AS ISO 9239.1-2003 (R2016) Reaction to fire tests for floorings —Part 1: Determination of the burning behaviour using a radiant heat source.

**Test Results:** -- See attached sheet --

**Test Period:**

Sample Receiving Date : OCT.17, 2024  
Test Performing Date : OCT.17,2024 TO OCT.30, 2024

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch

Echo Li  
Approved Signatory



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No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgsgroup.com.cn  
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 sgs.china@sgs.com

**I. Test conducted**

This test was conducted as per AS ISO 9239.1-2003 (R2016) Reaction to fire tests for floorings —Part 1: Determination of the burning behaviour using a radiant heat source.

**II. Sample details**

Sample Description	OZWORLD ENGINEERED OAK 15/4 mm (provided by client)
Color	Brown
Thickness	15 mm
Density	9.9 kg/m <sup>3</sup>
Test surface	Coating surface
Specimen size	1050mmx230mmx15mm

**Conditioning:**

Prior to testing, the sample was conditioned to constant mass at temperatures of 23±2°C and at a relative humidity of 50±5% for at least 48 h, until constant mass is achieved.

**Mounting of Test Assembly:**

Fibre cement board, with its density approximate 1800kg/m<sup>3</sup>, thickness approximate 9mm, is as the substrate. The test specimens are fixed mechanically to the substrate. Have joint in the specimens.

**III. Test results**

Distance (mm)	S1 (//)	S2 (//)	S3 (//)
	Time (min: s)	Time (min: s)	Time (min: s)
50	06:17	06:24	06:05
100	09:27	08:53	08:41
150	12:28	11:44	12:10
200	15:41	15:37	15:49
250	20:21	19:55	20:33
300	24:32	25:10	24:51
350	--	--	--
400	--	--	--
450	--	--	--
500	--	--	--
550	--	--	--
600	--	--	--
650	--	--	--
700	--	--	--



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750	--	--	--
800	--	--	--
850	--	--	--
900	--	--	--
950	--	--	--
1000	--	--	--
The flame-out time (min:s)	26:11	25:24	25:48
Test duration (min:s)	30:00	30:00	30:00
the final maximum flame spread distance (mm)	320	300	310

	S1 (//)	S2 (//)	S3 (//)	Average
Flame front distance at 10 min (mm)	110	120	120	116.7
Flame front distance at 20 min (mm)	240	250	240	243.3
Flame front distance at 30 min (mm)	--	--	--	--
Heat Flux at 10 minutes, HF-10 (kW/m <sup>2</sup> )	11.0	11.0	11.0	11.0
Heat Flux at 20 minutes, HF-20 (kW/m <sup>2</sup> )	8.8	8.6	8.8	8.7
Heat Flux at 30 minutes, HF-30 (kW/m <sup>2</sup> )	--	--	--	--
Max. light attenuation (%)	10.4	8.7	9.5	9.5
the integral of the smoke (%×min)	13.2	11.9	12.6	12.6

## Summary of results:

	S1 (//)	S2 (//)	S3 (//)	Average
CHF(kW/m <sup>2</sup> )	7.0	7.4	7.2	7.2

Note: // --Warp direction

## Statement:

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.



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Photo Appendix:



SGS authenticate the photo on original report only

\*\*\*End of Report\*\*\*