Test Report

No. AJFS2010009292FF **Date: NOV.13, 2020**

EKOLOGIX AUSTRALIA PTY LTD

UNIT 1, 20-26 SABRE DRIVE, PORT MELBOURNE, VICTORIA, AUSTRALIA 3207

The following 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. Results apply to the sample as received.

Sample Name: DESIGNER SERIES, DESIGNER SERIES EDGE BOARDS WPC CO-EXTRUSION DECKING

SGS Ref No.: GZIN2010057909CM

Product Specification: 137×23mm

BRAND: EKODECK

Test Requested:

AS/NZS 1530.3:1999. Methods for fire tests on building materials, components and structures. Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release.

Test Results: -- See attached sheet --

Test Period:

Sample Receiving Date	:	OCT.28, 2020
Test Performing Date	:	OCT.28, 2020 TO NOV.05, 2020

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

Allen Zou
Lab Manager

scan to see the report

AJFS2010009292FF

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I. Test conducted

This test was performed in accordance with" AS/NZS 1530.3:1999 Methods for fire tests on building materials, components and structures. Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release."

II. Sample details

Description	Panel + Metal support
Color	Brown
Thickness	65mm (Panel: 23mm; Metal support: 42mm)
Specimen size	600mm×450mm

	Temperature (℃)	Humidity (%)	Duration (d)
Conditioning	20±2℃	65±5%	7

Note: The specimens shall be conditioned to constant mass (see ISO 291)

Mounting or fixing method for test sample:

Using fibre-reinforced cement board as substrate, hold the sample and substrate against the specimen support frame by using the specimen clamping ring. No joint in the specimen.

III. Test results

The mean values and standard errors:

Items		Mean value	Standard error
Ignition Time, (min)		10.8	0.1563
Flame propagation time, (s)		155	5.8504
Heat release integral, (Kj/m^2)		683.5	6.9511
Maximum optical density, D (m^{-1})	Ignition specimen	1.1305	0.0133
	Non-ignition specimen	---	---
Smoke release, lg D	Ignition specimen	0.0533	0.0052
	Non-ignition specimen	---	---

To be continued…

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Note:

1) Where all specimens do not ignite, means and standard errors for smoke release shall be reported separately for those specimens that ignite and those that do not ignite. The higher of the two values shall be reported as the smoke released for the material or component.

2) Where all specimens do not ignite, indices for smoke developed shall be reported separately for those specimens that ignite and those specimens that do not ignite. The higher of the two values shall be reported as the smoke developed index for the product.

Regulatory Indices:

Items	Regulatory Indices
Ignitability index (Range 0 to 20)	9
Spread of flame index (Range 0 to10)	3
Heat evolved index (Range 0 to 10)	10
Smoke developed index (Range 0 to 10)	8

Statement:

1) The results only apply to the specimen mounted as described in this report.
2) The results of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Photo Appendix:

SGS authenticate the photo on original report only

End of Report