

EKOLOGIX AUSTRALIA PTY LTD
 UNIT1, 20-26 SABRE DRIVE,MELBOURNE,VIC 3027,AUSTRALIA

Sample Description : CLASSIC EKODECK,EKODECK+WPC DECKING
 Supplier Item No. : 5

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : AJFS2011009683FF-01
 Sample Receiving Date : Nov 23, 2020
 Test Performing Date : Nov 23, 2020 to Dec 01, 2020
 Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	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.	See attached sheet	/
For further details, please refer to the following page(s)			

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



Heather Meng
 Authorized Signatory



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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	Board
Color	Red rock
Density	About 1301 kg/m ³
Specimen size	600mmx450mmx23mm (137mmx23mm)
Tested surface	One surface

	Temperature (°C)	Humidity (%)	Duration (d)
Conditioning	20±2°C	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. Have joint in the specimen.

III. Test results

The mean values and standard errors:

Items		Mean value	Standard error
Ignition Time, (min)		NI	NA
Flame propagation time, (s)		NA	NA
Heat release integral, (Kj/m ²)		NA	NA
Maximum optical density, D (m ⁻¹)	Ignition specimen	---	---
	Non-ignition specimen	0.5995	0.0421
Smoke release, lg D	Ignition specimen	---	---
	Non-ignition specimen	-0.2222	0.0325

Remark: NI---Not ignition; NA---Not Applicable



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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)	0
Spread of flame index (Range 0 to 10)	0
Heat evolved index (Range 0 to 10)	0
Smoke developed index (Range 0 to 10)	5

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:



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Remark:

1. This test was subcontracted to SGS-CSTC Co., Ltd. Anji Branch.
2. This test report is issued based on the modification of the original No. SDHL2011028722FB-01 test report issued on Dec 22, 2020. And the original report is still valid. According to applicant's requirements, following changes are included:
 - a. Change of applicant's name.
 - b. Change of applicant's address.

End of Report

