

Certificate of Assessment

NK6432

No. 1621

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This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

PalmEco Tech Australia Pty Ltd
4/77 Connells Point Road
SOUTH HURSTVILLE NSW
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 10294.

SAMPLE IDENTIFICATION: PalmEco Fire Board

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a composite board made from a mixture of palm fibre and magnesium oxide, having one layer of glass-reinforced fibre mesh, without post-manufacture surface coating or chemical treatment.

Nominal total thickness: 12 mm
Nominal total density: 1100 kg/m³
Colour: light beige

SAMPLE CLASSIFICATION: Group Number: Group 1
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 10.6 m²/kg
(Refer to Specification C1.10a section 3(c) of the Building Code of Australia.)

Testing Officer: Heherson Alarde Date of Test: 10 October 2011

Issued on the 27th day of October 2011 without alterations or additions.



Garry E Collins
Manager, Fire Testing and Assessments



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