

CERTIFICATE

Material Fire Test Certificate

IGNL-2091-07-01 I01R00

Date of Test 22 November 2018
ISSUED 12 December 2018
EXPIRY 11 December 2023

**AS/NZS 3837-1998:
METHOD OF TEST FOR
HEAT AND SMOKE
RELEASE RATES FOR
MATERIALS AND
PRODUCTS USING AN
OXYGEN CONSUMPTION
CALORIMETER**

Sample Identification

Nav compact

Product Description

The sponsor described the tested specimen as a compact laminate decorated with a UV Olefin film known as Nav Urban.



The test specimens have –

- (a). Nominal wall thickness: 13 mm
- (b). Nominal mass of sample: 189.5g
- (c). Colours: Dark grey resin core with a light grey timber finish

Test Procedure

Three samples were tested in accordance with Australian Standard/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998.

Observations

The test sample smoked shortly after being exposed to the radiant heat and each sample ignited in approximately 120 seconds from the start of the test and continued for the duration of the test. The samples had an average heat release rate of 82 kW/m² and effective heat of combustion of 12.7 MJ/kg.

Test Results

The following sample classifications were obtained:

Group Number: Group 3
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 24.32 m²/kg
(Refer to Specification C1.10 section 4(c) of the Building Code of Australia.)

Notes

1. The results of this fire test 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.
2. As per Section 9 (n) of AS 5637.1:2015, the determination of the group number was based on the AS/NZS 3837:1998 test and was deemed valid in the cone calorimeter for the assignment of National Construction Code (NCC) group number.
3. Based on the Average Specific Extinction Area result the material can be used in a non-sprinklered or sprinklered building.

PRESENTED TO

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TEST BODY

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