

CERTIFICATE

Engineering Evaluation Certificate

IGNL-3069-00-07 I01R00

TESTED 11 July 2019
ISSUED 21 August 2019
EXPIRY 11 July 2024

Viroc

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

Specimen Identification

Reb/Brown cement wood boards

Product Description

The tested specimen is a composite material comprised of pine wood particles and cement with a solid cross-section.

The test specimens have –

- (a). Nominal wall thickness: 11.6 mm
- (b). Nominal rib thickness: NA
- (c). Nominal total thickness: 11.6 mm
- (d). Nominal mass: 154.7 g
- (e). Colours: Red/Brown

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

Of the three specimens tested, only two attained a heat release rate of 50 kW/m².

Test Results

The following sample classifications were obtained:

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

Average specific extinction area: 0.01 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.

PRESENTED TO

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