

CERTIFICATE

Engineering Evaluation Certificate

IGNL-2113-07-01 I01R00

TESTED 26 February 2019
ISSUED 27 February 2019
EXPIRY 26 February 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

Panespol Polymer Panel FV

Product Description

The sponsor described the tested specimen as a polymer based panel for wall decoration that emulates all type of materials. A nominal thickness of 3mm to 7mm for use as wall cladding.

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 presented limited smoked after being exposed to the radiant heat and each sample ignited in approximately 60 seconds from the start of the test. The samples had an average heat release rate of 54.45 kW/m² and effective heat of combustion of 9.45 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: 40.7 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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