



中国认可
国际互认
检测
TESTING
CNAS L13442



CASfire
中科易朔 测试 / 改善 / 保证

Assessment Report

Assess to: AS 5637.1:2015
Determination of fire hazard properties

Prepared for: Perma Composites Pty Ltd.
14 Garino Rise, Wangara, WA 6065, Australia.

Testing Type: Entrusting

Report No.: CF251201300ENV0
4 Pages

Issue Date: Dec. 29, 2025




CASfire Technical Co., Ltd.
中科易朔（厦门）质量技术服务有限公司

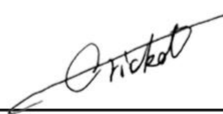
Testing, Improving, Assuring

Checked by

Name: Anna Chen

Signature: **Approved by**

Name: Cricket Liu

Signature: 

Date: Dec. 29 2025



CASfire Technical Co.,Ltd.
Room 805, 8/F. Building 4, No.255 Duiying South Road,
Torch Hi-tech Zone, Xiamen, Fujian, China.
T: (+86) 0592 3500085
F: (+86) 0592 5105807
E: info@casfire.cn
W: www.casfiretec.com

This version of the report must only be reproduced in whole. Extracts or abridgements of reports must not be published without permission of CASfire; The result is valid only to the samples tested. We have no responsibility for the design, materials, workmanship or performance of the product or samples tested.

SUMMARY

Test Requested The group number for the tested samples listed below was assigned in accordance with AS 5637.1:2015, "Determination of fire hazard properties". This assignment was based on data from tests conducted at 50 kW·m⁻² irradiance in the horizontal orientation with an edge frame, as per AS/NZS 3837:1998 (R2016), "Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter".

Sample Description Sample Name: InstaBoard;
 Type No.: Interior wall and ceiling lining;
 Composition: PVC;
 Thickness: 9 mm;
 The specimens were received on Dec. 19, 2025;
The specimens were supplied and identified by the sponsor of the test, CASfire was not involved in any selection or sampling procedure.

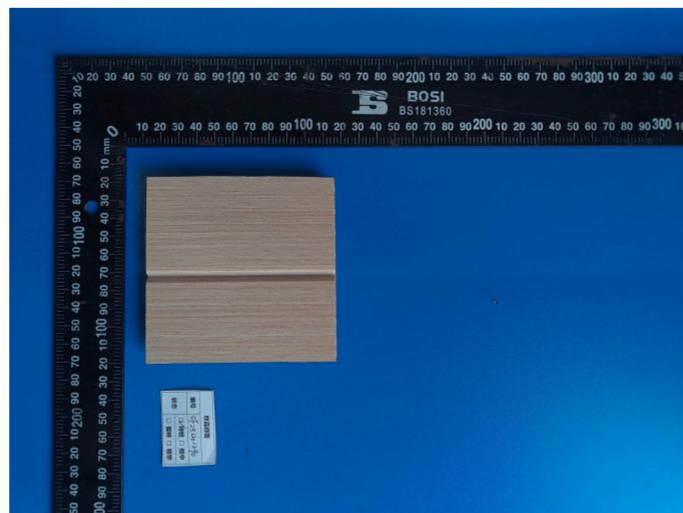
Prepared for Perma Composites Pty Ltd.
 14 Garino Rise, Wangara, WA 6065, Australia.

| Assessment Method | Test Method | Test Report No. | Items | Results |
|-------------------|-------------------------|-----------------|--------------------------|---------|
| AS 5637.1:2015 | AS/NZS 3837:1998(R2016) | CF251201290ENV0 | Group Number | 1 |
| | | | ASEA, m ² /kg | 736.7 |

Statement: The results of these fire tests 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. The group number is valid to test the particular material or system in the cone calorimeter for the assignment of NCC group number.

Note: ASEA - Average Specific Extinction Area.

SAMPLE PHOTO



***** End of Report *****