

Sponsor name	ACE Polystyrene Products	Document no	FAS220074 SOA2.0
Sponsor address	2/44 Harley Crescent, Condell, NSW 2200 Australia		
Issue date	11 April 2022	Expiry date	30 April 2027

Description of assessed system

The assessed system is an external framed wall system.

The scope of the assessment includes the expected bushfire attack level (BAL) rating of the described system if tested in accordance with AS 1530.8.1: 2007 as appropriate for external walls.

Assessed system performance

The element of construction described above was assessed by this laboratory on behalf of the report sponsor in accordance with the stated test standard in Table 1 and achieved the results outlined in Table 2. A complete description of the assessed construction can be found within the referenced assessment report.

Table 1 Test standard and assessment report details

Referenced report	Test standard	Referenced report issue date	Referenced report expiry date
FAS220074 R2.0	AS 1530.8.1: 2007	8 April 2022	30 April 2027

Table 2 Formal assessment summary

Reference test	Description	Variation	BAL rating
EWFA 45109900.1	<p>The test assembly consisted of a nominal 3000 mm wide × 3000 mm long × 206 mm thick wall system. The wall system consisted of two 90 × 45 mm timber stud frames; the central frame offset 250 mm back to incorporate an 800 mm × 800 mm timber aluminium framed window.</p> <p>The unexposed side was faced with 10 mm Gyprock plasterboard while the exposed side had 4.8 mm (measured) MACRENDER HBS render applied over 75 mm Ace Grey EPS foam panel cladding and a further Mactexture coat trowel applied over the render, 2 days after rendering.</p>	<ul style="list-style-type: none"> Optional batten fix for 75 mm thick EPS foam panels or “direct fix” of EPS panels without battens Optional use of 35 mm thick timber battens or EPS spacers. Optional steel or timber wall framing 	BAL: A-29

Conditions / validity

- This document is provided for general information only and does not comply with the regulatory requirements for evidence of compliance.
- The main assessment report must be provided for regulatory requirements and evidence of compliance.
- Reference should be made to the relevant assessment report or regulatory information report to determine the applicability of the test result to a proposed installation. Full details of the constructions and justification for the conclusions given, along with the validity statements, are given in the assessment reports.
- The results of the assessment report may be used to assess BAL rating, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all conditions.
- All work and services carried out by Warringtonfire Australia are subject to and conducted in accordance with our standard terms and conditions. These are available on request or at <https://www.element.com/terms/terms-and-conditions>.

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