

<b>Sponsor name</b>	NRG Building Systems	<b>Document no</b>	26733 SOA5.0
<b>Sponsor address</b>	32–38 Drover Drive, West Burleigh, 4220, QLD, Australia		
<b>Issue date</b>	26 May 2022	<b>Expiry date</b>	31 May 2027

### Description of assessed system

The assessed system consisted of a framed wall system as appropriate for external walls. The scope of the assessment includes the bushfire attack level (BAL) of the described assessed system in accordance with AS 1530.8.1:2007.

### 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
26733 R5.0	AS 1530.8.1:2007	26 May 2022	31 May 2027

**Table 2 Formal assessment summary**

Reference test	Description	Variations	BAL rating
EWFA 2581501.2	The test assembly consisted of a nominal 3000 mm wide × 3000 mm long × 211 mm thick wall system. The wall system consisted of two 90 mm × 45 mm timber stud frames incorporating an 800 mm × 800 mm timber reveal window. The unexposed side was faced with 10 mm Gyprock plasterboard. The exposed face consisted of 75 mm NRG Greenboard™ foam cladding onto which a 10 mm thick ROCKCOTE PM100 QRender Pre-Blended Cement Render and Mesh, ROCKCOTE Sandcote Pre-coloured Acrylic Coating and ROCKCOTE Armor Flex paint was applied.	<ul style="list-style-type: none"> <li>The render to be NRG Polymer Modified Render instead of ROCKCOTE QRender PM100 as tested. The thickness is to remain unchanged and include grooves in the Greenboard™. The fibreglass mesh must remain as tested.</li> <li>The 1 mm texture finish to be NRG Sand Medium or other similar 1 mm acrylic texture coating instead of ROCKCOTE Sandcote as tested.</li> <li>The final acrylic paint coating to be NRG Shieldcoat instead of ROCKCOTE Armour Flex.</li> <li>The timber framing to be 90 mm × 35 mm or 70 mm × 35 mm instead of the tested 90 mm × 45 mm.</li> <li>Wall framing to be optionally light gauge steel (up to 2 mm BMT) instead of timber.</li> </ul>	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 the Bushfire Attack Level (BAL), 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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