

Summary of assessment

Sponsor name	ModWood Technologies Pty Ltd	Document no	26247 SOA4.1
Sponsor address	5 Jesica Road, Campbellfield, VIC 3061, Australia	Reference no	FAS210196
Issue date	7 May 2026	Expiry date	30 June 2031

Description of assessed system

The assessed system consists of ModWood Flame Shield decking by ModWood Technologies (as described in Table 2) with framing constructed from the timber species listed in Table 3.

The scope of the assessment includes the bushfire attack level (BAL) of the described assessed system in accordance with AS 1530.8.1:2018 for compliance with AS 3959:2018 (Incorporating Amendments 1 and 2).

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 and Table 3. 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
26247 R4.1	AS 1530.8.1:2018	7 May 2026	30 June 2031

Table 2 Description of the assessed system

Assessed ModWood Flame Shield system	BAL rating
Decking size: 137 mm wide × 23 mm thick	AA 40
Decking gap: Nominally 4 mm between boards	
Subfloor framing arrangement: Unenclosed	
Framing species: Given in Table 3	

Table 3 Assessed timber species for deck framing

Timber species	Nominal density (Boote Wood in Australia)	
	Dry density (kg/m ³)	Green density (kg/m ³)
Ash, silvertop (<i>Eucalyptus sieberi</i>)	820	1200
Blackbutt (<i>Eucalyptus pilularis</i>)	680 – 710	1100 – 1150
Gum, red, river (<i>Eucalyptus camaldulensis</i>)	710 – 900	1130 – 1200
Gum, spotted (<i>Corymbia maculate</i> , <i>Corymbia henryi</i> , <i>Corymbia citriodora</i>)	740	1144
Ironbark, red (<i>Eucalyptus sideroxylon</i>)	920	1220
Kwila (Merbau) (<i>Intsia bijuga</i>)	770 – 830	-
Turpentine (<i>Syncarpia glomulifera</i>)	930	1130

Conditions / validity

- + This document is provided for general information only and does not comply with the regulatory requirements for evidence of compliance.
- + The RIR (regulatory information report) or 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 the 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 Jensen Hughes are subject to and conducted in accordance with our standard terms and conditions.

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