

Certificate sponsor	Certificate number	Certificate issue date	Certificate expiry date
ModWood Technologies Pty Ltd 5 Jessica Road, Campbellfield VIC 3061, Australia	FAS210196 SFC3.0	25 June 2021	30 June 2026

### Description of assessed system

The assessed system consists of ModWood Flame Shield decking by ModWood Technologies with framing constructed of timber species given in Table 3.

The scope of the assessment includes the fire performance of the described assessed system when tested in accordance with AS 1530.8.1:2018.

### Assessed system performance

The element of construction described above was assessed by this laboratory on behalf of the test sponsor in accordance with the stated test standard in Table 1 and achieved the results outlined in Table 2 and Table 3. 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
FAS210196 R1.0	AS 1530.8.1:2018	25 June 2021	30 June 2026

**Table 2 Description of assessed system**

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

**Table 3 Assessed timber species for the framing system**

Timber species	Nominal density (Boole Wood in Australia)	
	Dry density (kg/m <sup>3</sup> )	Green density (kg/m <sup>3</sup> )
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 maculata</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 certificate 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 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 fire hazard, 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>.

<b>Testing authority</b>	Warringtonfire Australia Pty Ltd	
<b>Address</b>	Unit 2, 409-411 Hammond Road, Dandenong South, VIC 3175	
<b>Phone</b>	T: +61 (0)3 9767 1000	
<b>ABN</b>	81 050 241 524	
<b>Email</b>	info.fire.melbourne@warringtonfire.com	
<b>Authorisation</b>	Prepared by:	Reviewed by:
		
	Sukhi Sendanayake	Mahmoud Akl