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Testing. Advising. Assuring.

EWFA CERTIFICATE OF ASSESSMENT	CERTIFICATE No: SFC 38259000.4	Page 1 of 2

Report Sponsor	Certificate Issue Date	Product Name
NASAHI Building Materials Australia P/L 1331 Stud Road Rowville, VIC 3178 Australia	03/05/2018	NASAHI Super50 AAC panel

Introduction

The element of construction described below was assessed by this laboratory on behalf of the report sponsor in accordance with the stated test standard and achieved the results stated below. Refer to the referenced test report(s) or Regulatory Information Reports for more information.

Referenced Report	Report Date	Validity Date	Referenced Test Standard
EWFA 38259000.4	03/05/2018	30/12/2020	AS1530.4-2014

Summary of Assessed Performance

The fire resistance performance of NASAHI Super50 AAC external wall systems if tested in accordance with AS1530.4-2014:

The proposed wall construction shall be NASAHI Super50 AAC Panel external wall system as tested in EWFA 36502100.2 and with consideration of the following variations;

- The tested 50mm thick NASAHI Super50 AAC panel of density 674kg/m^3 and optionally shall 62mm or 75mm thick.
- The tested 36mm × 16mm steel battens optionally be replaced with timber or foam PVC or Polystyrene batten and framing shall be one of the following;
- 70 × 35mm, 90 × 35mm or 90 × 45mm MGP10 Radiata pine timber stud at 450mm or 600mm centres.
- 76 × 35mm × 0.55BMT or 92 × 45mm × 0.55BMT steel studs at 450mm or 600mm centres.
- The NASAHI AAC panels shall be optionally directly fixed to the timber studs that are 90 × 35mm or 90 × 45mm MGP10 Radiata pine timber stud at 450mm or 600mm centres or directly fixed to the steel studs that are 92 × 45mm × 0.55BMT steel stud at 450mm or 600mm centres.
- The gap between the top of the NASAHI panel and the underside of the roofing is outside of the scope of the assessment.
- Construction details of boundary walls
- Construction details of external walls
- Polystyrene battens are used at 2000mm centres (2 battens per panel) to create a gap 20mm -50mm between two external walls.
- Screw holes created, by the installation of temporary construction used in assisting to create a gap between the panels in the boundary wall, or between the NASAHI panels and the existing external walls, are to be face patched or sealed with NASAHI Adhesive.

Exposed Side Cladding	Batten	Wall Framing	Unexposed Side Cladding	FRL	Imposed Fire Design Load (AS1170.0 Clause 4.2.4)
Min. 50mm thick NASAHI Super50 panel	Steel batten (item 2)	Min. 70mm deep timber or Min. 76mm deep steel stud	10mm thick or greater standard grade plasterboard	120/120/120	4.94kN/stud
	Timber batten (item 3)			90/90/90	
	No Batten	Min. 90mm deep timber or Min. 92mm deep steel		90/90/90	

	Foam PVC or Polystyrene (item 3)	Min. 70mm deep timber or Min. 76mm deep steel stud		60/60/60	

For a complete description of the assessed construction, refer to referenced assessment report.

Notes

THIS CERTIFICATE IS PROVIDED FOR GENERAL INFORMATION ONLY AND DOES NOT COMPLY WITH THE REGULATORY REQUIREMENTS FOR EVIDENCE OF COMPLIANCE.

Reference should be made to the relevant test report or regulatory information report to determine the applicability of the test result to a proposed installation. The results of these fire tests may be used to assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all conditions.

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