



ASSURANCE ASSESSMENT SUMMARY

Evaluation No. IGNL-8363-99-03L Issue 01 Revision 00 [2024]

1. INTRODUCTION

Assurance has been engaged to assess the Nasahi Super Panel wall system within an exterior wall application. The Super Panel wall system comprises of a steel mesh reinforced autoclaved aerated concrete in lengths ranging from 1,800 mm to 3,300 mm. The assessment was based on the fire resistance performance when tested in accordance with AS 1530.4:2014 by Warringtonfire.

TABLE 1:

ASSESSMENT REPORT DETAILS

Report Number	System Details	Version	Issued Date
ACTC-8363-99-01R	Nasahi Super Panel External Wall	I01R03	26 September 2024

2. SYSTEM PERFORMANCE

The wall systems were assessed in accordance with the criteria of AS 1530.4:2014. The full assessments are detailed in the reports listed in Table 1 and summarised in Tables 3 below.

TABLE 2:

SUMMARY OF ASSESSMENT RESULTS – EXTERNAL WALL PERFORMANCE FROM OUTSIDE ONLY

Exposed side cladding	Batten	Wall framing	Unexposed side cladding	FRL	Imposed Load	Exposed side cladding
External Wall: Nasahi Super ⁵⁰ Panel or Nasahi Super ^{75LD} Panel	Steel Batten	Min. 70 mm deep timber or min. 76 mm deep steel studs	10 mm thick or great standard grade plasterboard	120/120/120	34.6 kN (on panel)	Nasahi Super50 Panel or Nasahi Super 75LD Panel

TABLE 3:

SUMMARY OF ASSESSMENT RESULTS – EXTERNAL WALL PERFORMANCE FROM BOTH DIRECTIONS

Construction from outside to inside	FRL From outside (Exposed cladding)	Internal Lining / Plasterboard	FRL from inside
External Wall: - Nasahi Panel (Super⁵⁰ or Super^{75LD}) - Steel Battens - Min 70 mm deep timber or min 76 mm deep steel stud wall framing. - Internal Plasterboard	120/120/120	10 mm Standard Plasterboard	-/-/-
		1x13 mm fire rated plasterboard	30/30/30
		1 x 16 mm fire rated plasterboard	60/60/60
		2 x 13 mm fire rated plasterboard	90/90/90
		3 x 13 mm fire rated plasterboard	120/120/120
		Nasahi Panel (50mm, 62 or 75 mm)	120/120/120

3. CONDITIONS OF VALIDITY

1. This certificate is a summary of results and provides an overview of assessment documents only. It does not meet the regulatory requirements as evidence of the performance of the systems detailed herein. The assessment reports detailed in Table 1 must be provided to maintain compliance.
2. When referencing an assessment for regulatory purposes, reference must be made to the full assessment report and not the summary document.
3. The results of assessment reports may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.



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