

element13

Solid Aluminium
Cladding Panels

Compliance Summary & Evidence of Suitability

NCC Compliance Pathway: Deemed-to-Satisfy (DTS)

element13 is a 3mm solid aluminium panel. Non-combustible per AS 1530.1. Tested to AS 1530.3 with Ignitability 0, Flame 0, Heat 0, Smoke 1. Structural wind load tested to cyclonic standards. Suitable for Type A and Type B construction.

Key NCC Reference: NCC Vol 1, Specification C1.8 — Non-combustible building elements

INDEPENDENT TEST RESULTS

TEST	STANDARD	LABORATORY	REPORT	RESULT
Combustibility	AS 1530.1:1994	CSIRO	FNC12545	Non-combustible
Fire properties	AS 1530.3:1999	CSIRO	FNE12552	Ig 0, Flame 0, Heat 0, Smoke 1
Weather performance	AS/NZS 4284:2008	Ian Bennie & Assoc. (NATA #2371)	2022-031-S2	Pass at ±1500Pa SLS
Structural (cyclonic)	AS 4040.3	JFS Engineers	23-00156	SLS 1875Pa, ULS 5559Pa
Impact resistance	ASTM E695-03	Ian Bennie & Assoc.	2021-083_2	Pass
Surface indentation	NCC C1.8 Cl 5(d)	Ian Bennie & Assoc.	2021-083	Immeasurable
Coating performance	AAMA 2605:2020	Intertek Shanghai	210203002SHF-001	Meets specification
Hail impact	ANSI FM 4473	Ian Bennie & Assoc.	2020-090	Pass

PANEL SPECIFICATIONS

Material	3mm solid aluminium
Width	1250mm or 1500mm
Length	3200mm or 4000mm
Weight	8.13 kg/m²
Coating	PPG PVDF (AAMA 2605)
Manufacturing QMS	ISO 9001:2015

CERTIFIER CHECKLIST

- AS 1530.1 combustibility certificate (CSIRO FNC12545)
- AS 1530.3 fire properties certificate (CSIRO FNE12552)
- AS/NZS 4284 weather test report (2022-031-S2)
- AS 4040.3 structural wind load report (23-00156)
- ASTM E695 impact resistance report (2021-083_2)
- AAMA 2605 coating test report (210203002SHF-001)
- Product data sheet / technical manual
- Shop drawings (stamped by facade engineer)
- Manufacturer warranty documentation

AVAILABLE DOCUMENTATION

DOCUMENT	PAGES	CONTENTS
Compliance Pack	32	All test certificates, compliance statements, NCC evidence

Technical Manual	44	Specifications, installation, structural, tolerances, maintenance
Product Introduction	20	Overview, features, colour range, applications

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