

**NCP NON-COMBUSTIBLE
PANEL**

AS1530.1 AS1530.3

MUSEUM

FIRE RESISTANT

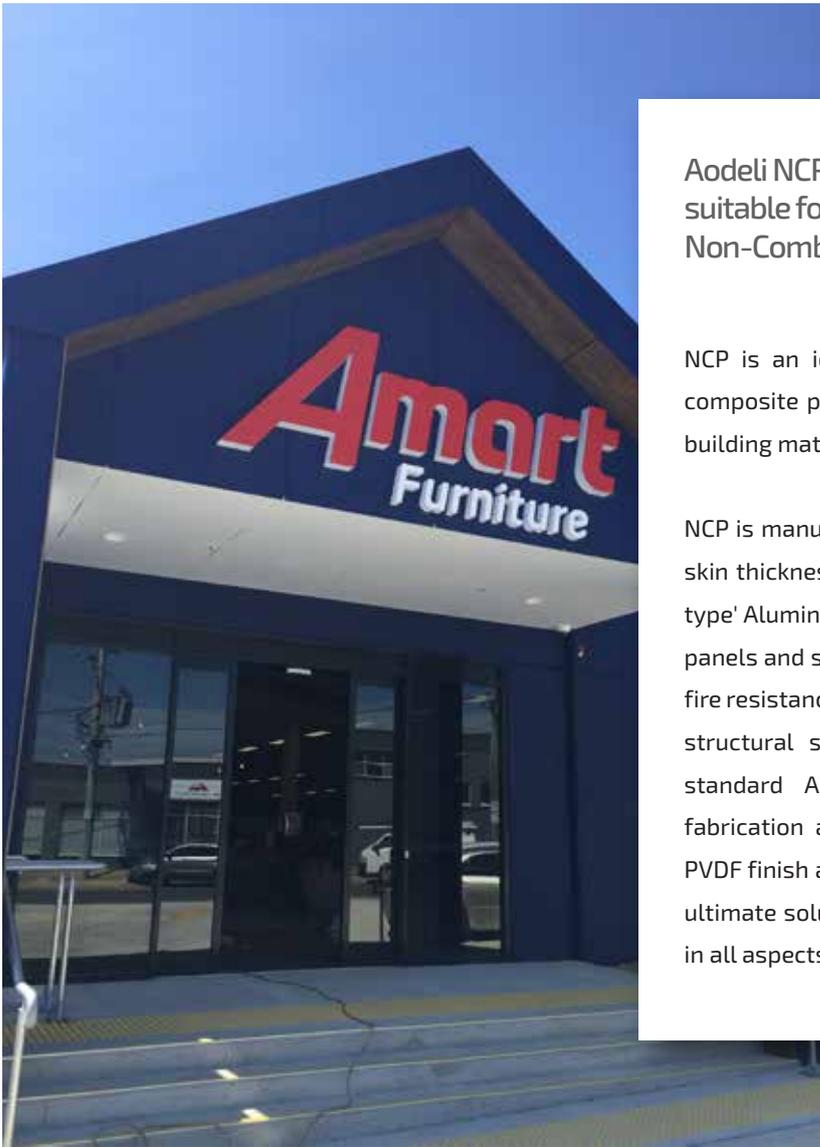
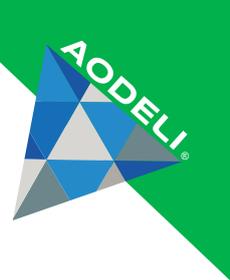
LIGHT IN WEIGHT

EASY TO INSTALL

CUT TO ANY SHAPE

AODELI - PRODUCT SPECIFICATIONS

for NCP- Non Combustible Panel

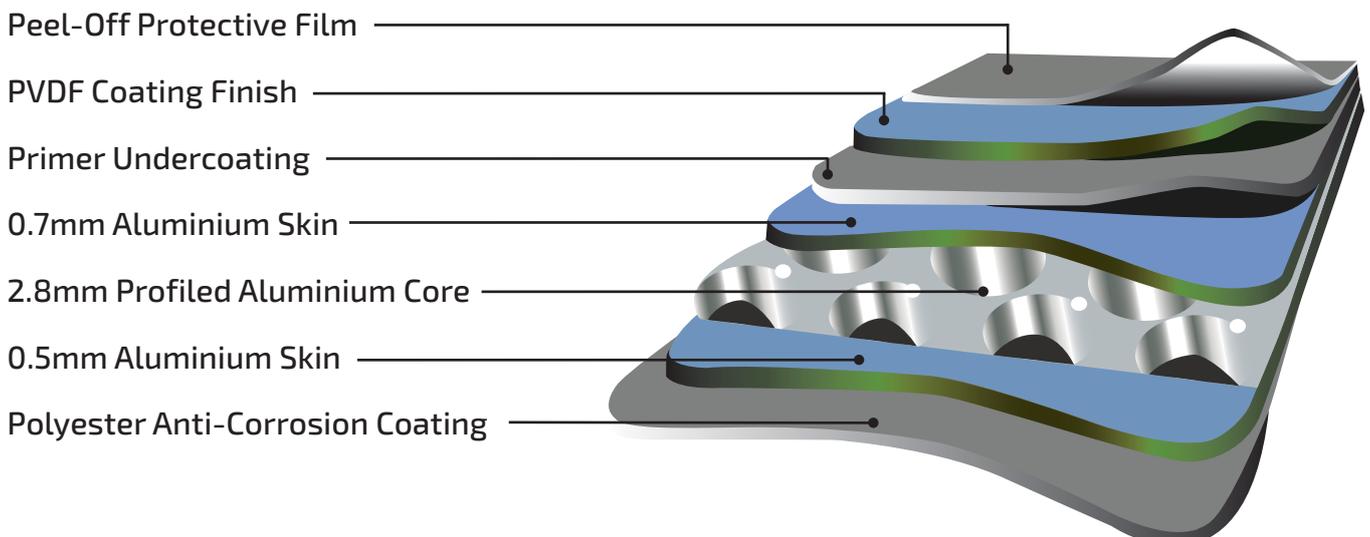


Aodeli NCP is a fully Non-Combustible Panel and suitable for external wall and internal structures where Non-Combustibility and fire resistance is needed.

NCP is an ideal replacement and alternative to non-compliant composite panels which has been certified as a non-combustible building material under the AS 1530.1

NCP is manufactured from high grade Aluminium throughout with skin thickness of 0.7mm and 0.5mm, separated by an 'egg carton type' Aluminium core. Unlike other non-combustible and fire proof panels and sheets NCP does not use mineral core fillers to achieve fire resistance and is therefore lighter in weight with equal or better structural strength. It is available in the same thickness as standard Aluminium Composite Panels offering the same fabrication and install properties. Along with its highly durable PVDF finish and unlimited colour options it provides Architects the ultimate solution for design versatility and high-end performance in all aspects of Architectural design elements.

STANDARD COMPOSITION



NCP PANEL SPECIFICATION

Face Panel	Material: High Grade Alloy A3003 Thickness: 0.7mm	
Back Panel	Material: High Grade Alloy A3003 Thickness: 0.5mm	
Core	Thickness: 2.8mm	
Sealant	High Polymer Adhesive Film	
Surface Coating	PVDF 70% KYNAR 3 Coat System	
Panel Specs	Length: 2500mm & 3200mm Width: 1250mm, 1550mm & 1575mm Thickness: 4.00mm	
Weight	Approx. 4.5/m ²	
Colour	Solid, Metallic, Wood or Marble design. Spectra, Anodized or Special Effect. Matched colour according to RAL or Pantone. Customized colour to meet your design idea.	
Fire Standard	AS1530.1 / AS1530.3	

NCP PANEL FEATURES

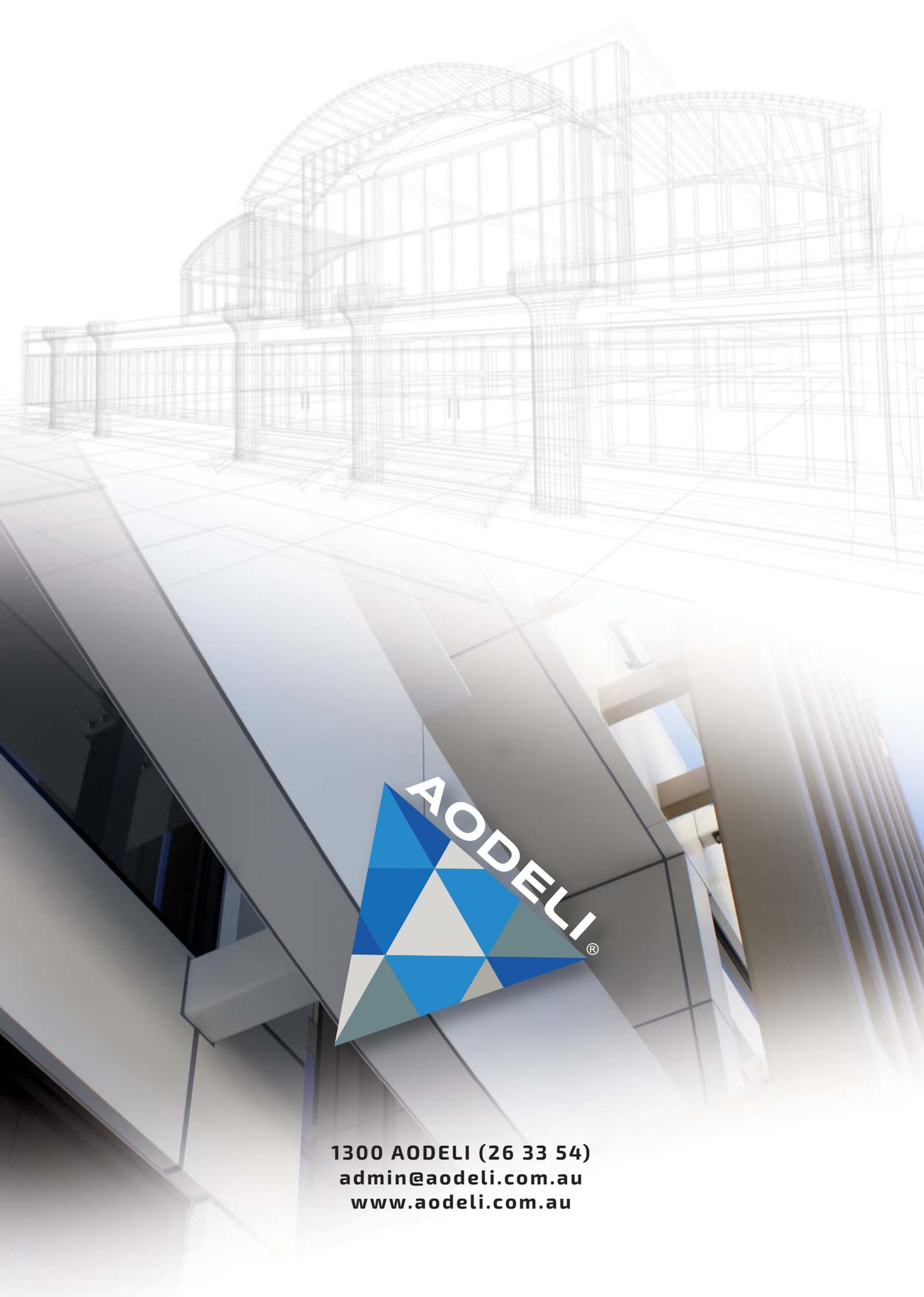
Compliance	<p>Fire Classification AS1530.1 + AS1530.3</p> <p>NCP has excellent technology fully deemed-to-satisfy to NCC and can be used where a Non-Combustible material is required. Tested to AS1530.1 + AS1530.3 may be used as external wall cladding on all Type A, B, and C Construction.</p>
Light in Weight	4.6kg/sqm. The light weight corrugated core panel reduces the loading force on buildings, facades, ceilings and to any application applied.
Easy to Install	Easy to install for structural stability, good flatness and stiffness with selectively inserting cassette fixing, this adding to the clean finish.
PVDF Coating	The NCP core is sandwiched with high grade Aluminium sheeting, coated with PVDF technology which protects the panel against heat and Ultraviolet ray, cold wind and snow.
Design	NCP Panel can be cut to any shape, rolled to meet the small radius curve for columns, angled and designed with elegance of Architectural inspiration.

APPLICATION OF NCP PANELS

NCP Panels have good performance such as light weight, high strength, stiffness, structural stability, wind pressure strength, sound insulation, heat insulation, fire resistant, waterproof and shockproof features and decorative highlights.

Application – NCP strong easy installation it is an ideal material for ceilings, interior wall and external wall façade for building of Type A, B and C.





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