

# AODELI ACP-FR

Fire Retardant Panel

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***FIRE RESISTANT***

***LIGHT IN WEIGHT***

***EASY TO INSTALL***

***CUT TO ANY SHAPE***

# AODELI - PRODUCT SPECIFICATIONS

## for ACP-FR

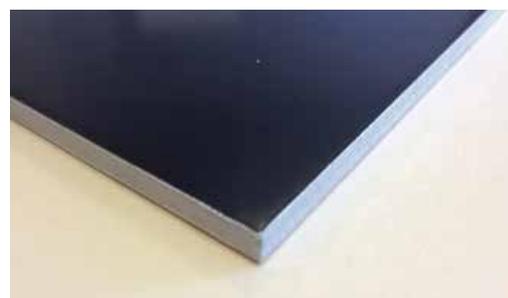
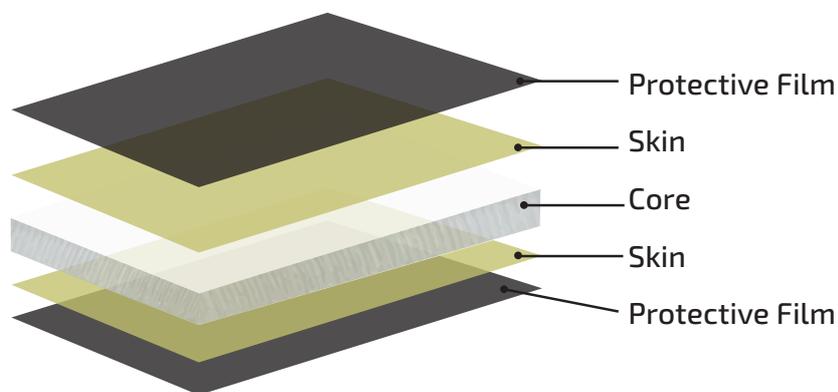


AODELI Australia supplies a range of more than 70% mineralised Fire-Retardant Core panels for external cladding of type C buildings, and internal wall.

Aodeli ACP panels are light weight offering superior flatness and durability while being easy to maintain and install. Manufactured from high grade aluminium with a surface finish which uses the advanced technique of fluorocarbon lacquer pre-coil coating.

They can be cut, bent and curved to suit almost any architectural form and provide a cost effective exterior or interior panel to enhance the aesthetics of new projects or the refurbishment of existing structures and signage.

## STANDARD COMPOSITION



## ACP-FR COMPOSITE PANEL TECHNICAL RESULT

Tensile Strength	5 kg/m <sup>2</sup>
Yield Strength	4.7 kg/m <sup>2</sup>
Elongation	12 %
Flexural Rigidity (20cm span)	15 x 10 <sup>5</sup> kg.mm <sup>2</sup>
Flexural Elasticity	3980 kg/mm <sup>2</sup>
Pencil Hardness	1 - 2H
Shear Resistance	2.3 kg/mm <sup>2</sup>



## ACP-FR PANEL FEATURES

Fire Resistant	<p><b>Fire Classification AS1530.3 and AS ISO 9705 with a group No.2</b>  AODELI supplies a range of 70% mineralised Fire-Retardant Core panels (ACP-FR).  Tested AS1530.3 may be used as external wall cladding on all Type C construction.</p>
Light in Weight	<p>7.6kg/sqm. The light weight mineral core panel is light weight offering superior flatness and durability while being easy to maintain and install.</p>
Easy to Install	<p>They can be cut, bent and curved to suit almost any form and provide a cost-effective exterior (type C construction) or interior panel to enhance the aesthetics of new projects and signage.</p>
Design	<p>ACP-FR panel can be cut to any shape, rolled to meet the small radius curve for columns, angled and designed with elegance of Architectural inspiration.</p>

## ACP-FR PANEL SPECIFICATION

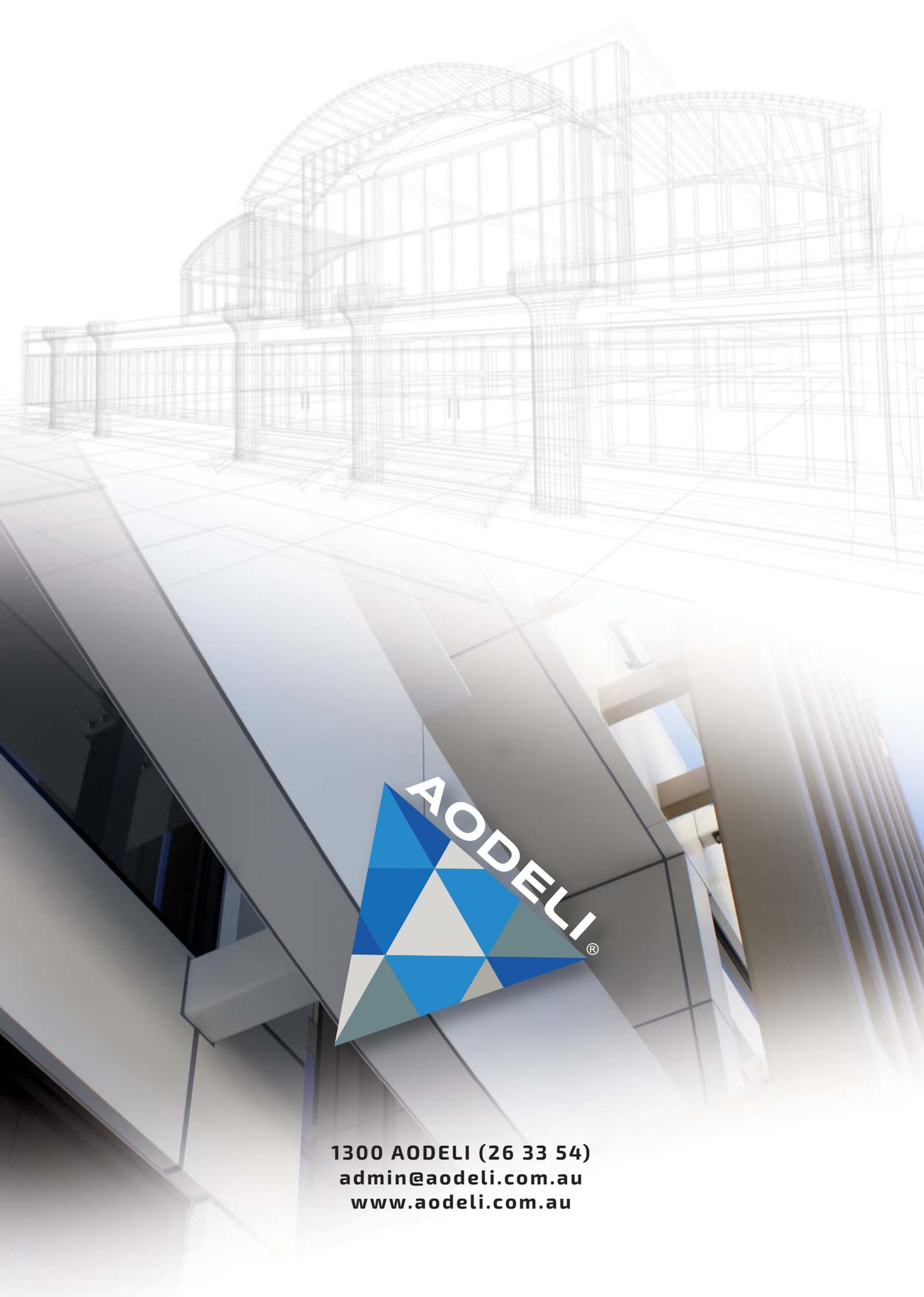
Face Panel	<p><i>Material: High-Grade Alloy 3003</i>  Thickness: 0.5mm</p>	
Back Panel	<p><i>Material: High-Grade Alloy 3003</i>  Thickness: 0.5mm</p>	
Core	<p><i>Material: : 70% mineralised fire-retardant core</i>  Thickness: 3mm</p>	
Surface Coating	<p>PVDF: 70% Kynar - Coil coating</p>	
Panel Specs	<p>Length: 2500mm &amp; 3200mm  (other lengths ≤10000mm available upon request)  Width: 1250mm, 1575mm  (other widths ≤2100mm available upon request)  Thickness: 4.00mm</p>	
Weight	<p>Approx. 7.6kg/m<sup>2</sup></p>	
Colour	<p>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.</p>	
Fire Standard	<p>AS1530.3 – Class C Building  AS ISO 9705 – Group 2</p>	



ACP-FR Aluminium Panels have good performance such as light weight, high strength, stiffness, structural stability, manufactured from high grade aluminium, with a surface finish which uses the advanced technique of fluorocarbon lacquer pre-coil coating. Aodeli ACP-FR Panels retain their colour & quality, offering a 15-year warranty.

Application – ACP-FR strong easy installation it is an ideal material for interior wall and external walls façade for building of Type C. It is widely used in caravans, car trailers, the list is endless.





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