

symonite



ARCHITECTURAL
COMMERCIAL
RESIDENTIAL
INDUSTRIAL
INFRASTRUCTURE



Non-Combustible

- Deemed to Satisfy (DtS)
- BCA/C1.9
- Can be used anywhere a non-combustible panel is required

Australian Made and Owned

- Trusted brand
- Supporting local industry
- Local knowledge

Solid Core

- No telegraphic core effect as compared to honeycomb core
- Superior impact resistance as compared to PE and honeycomb cores
- Superior wind load performance

Flat surface

- No "oil canning" effect as metal or solid aluminium

Available in any colour from our colour collection

- Choose from our new and freshly updated colour collection

PVDF paint coating technology

- The best paint surface used globally
- Flat painted surface
- No motley look as powder coating

Able to be "true anodised"

- The only aluminium composite panels that can be truly anodised within Australia to your specific requirements

Available in "good two side"

- Ideal for glazing applications
- Cost effective compared to painting

Silicone bond directly to the core edge

- No need to roll edges
- In simple projects this could save on installation and fabrication costs

Fabricate using traditional techniques

- With a little adjustment you can use the techniques you currently use to fabricate panels
- On and off-site fabrication

Suitable to use with the Smartfix fixing system

- Smartfix is a third party Australian made architectural fixing system that does not require silicone joints



NEW **Symonite FR Ultra** non-combustable

Australian made **non-combustable** aluminium composite panel.

- ✓ Australian Made
- ✓ Australian Owned
- ✓ Australian Tested
- ✓ Australian Certified

The ongoing threat of non-compliant and non-conforming cladding materials has compelled specifiers to be evermore diligent in selecting products fit for purpose, particularly when it comes to fire. As a proven and trusted brand, **Symonite** has been delivering quality products for over 30 years and is now the only Australian made manufacturer of a non-combustible aluminium composite panel.

Fully developed in Australia, **Symonite FR Ultra** achieves the highest fire standard possible. Tested by CSIRO to AS1530.1 and AS1530.3 **Symonite FR Ultra** is Deemed to Satisfy (DtS) in accordance with the BCA C1.9.

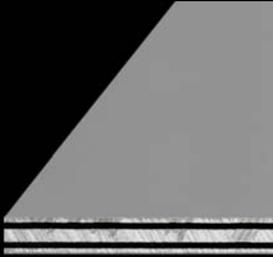
Symonite FR Ultra can be used wherever a non-combustible panel is required.

Specify with safety whilst maintaining your creative vision. Choose from our freshly updated colour collection or for a bespoke look choose an optional 'true anodised' finish. **Symonite FR Ultra** can be fabricated using traditional fixing methods or for a silicone free façade choose the smartfix fixing system. When considering wind loads and impact resistance the solid aluminium phenolic core outperforms any competitive ACP.

Symonite FR Ultra is the single most versatile aluminium composite panel available in the market today.



PRODUCTS



Symonite FR Ultra (non-combustable)

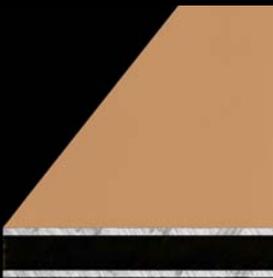
Adapting our unique ability to laminate panels using fibre-reinforced phenolics, **Symonite FR Ultra** panels are manufactured using a solid core aluminium layered with phenolic on either side. These layers are then finished with a decorative coloured aluminium surface available on either one side or two.

Symonite FR Ultra is deemed non-combustible by the BCA under section C1.9 and can be used anywhere a non-combustible material is required. **Symonite FR Ultra** can be fixed to your sub frame using the Smartfix® fixing system or using typical cassette or direct stick fixing details.



Symonite HD

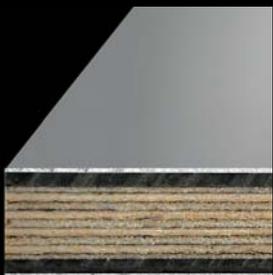
Symonite HD is manufactured using a Heavy Duty fibre-reinforced phenolic core finished with a decorative coloured aluminium surface available on either one side or two. The phenolic core provides exceptional impact resistance and wind load deflection performance. **Symonite HD** can be manufactured from 3-10mm thick.



Symonite True Anodised

Anodising is the process in which chemical baths are used to treat the surface of aluminium. The aluminium receives an electrical charge that will increase the thickness of the oxide layer making it harder and more resistant to abrasion and corrosion. This layer integrates as part of the aluminium rather than an applied paint surface. The finished look is a bespoke metallic façade that embellishes your project.

Symonite FR Ultra and **Symonite HD** are the only aluminium composite panels able to be true anodised locally, specifically to your requirements.



Symonite PLY

Symonite PLY is manufactured using plywood core panels and fibre reinforced phenolic layers. Panels are manufactured using your specified thickness plywood and various combinations of phenolic layers on either side allowing for thick panels without the weight of solid phenolic cores. The panel is then finished with a decorative coloured aluminium surface on either one side or two. The panels maintain their modern aluminium look and are easy to work with. Ideal for applications where extremely robust panels are required such as air plenums.

Fabrication Services

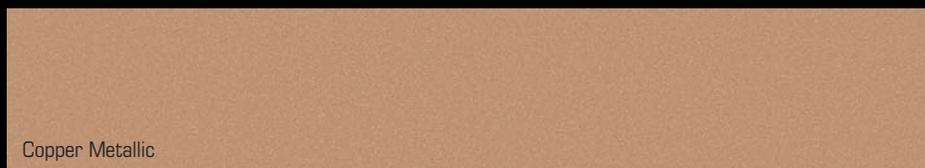
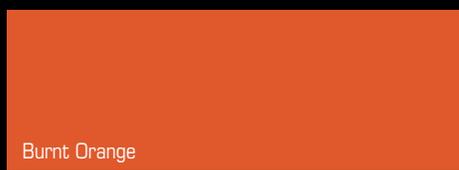
Symonite can be fabricated using traditional techniques or we can arrange fabrication for a flat pack delivery. *Please refer to our latest fabrication documents available online.*



COLOUR COLLECTION

Pure White	Kosciusko White	
Canvas White	White Lace	Silver Jade Metallic
Village Sand	Soft Mist *	Neolithic *
	New Champagne Metallic	
Light Bronze Metallic		
Umber *	Storm Grey Metallic	Alliance Grey Metallic
Champagne Metallic		
Graphite Metallic	Platinum Metallic	Pewter Metallic
		Ebony Black
Silhouette *	Smoke Blue Metallic	

COLOUR COLLECTION



The colours and details shown in this brochure are to the highest standards in printing. However, they should only be used as an indication of actual product colour.

For up to date product availability and to order your free sample visit symonite.com.au

* Matches popular market colours