NON-COMBUSTIBLE
PRODUCTS

Non-Combustible • Low Maintenance • Engineered Fixing Solutions • Textured Woodgrain

SUPAWOOD.COM.AU

SUPAWOOD
ARCHITECTURAL LINING SYSTEMS

At a Glance

New NCC/ BCA requirements now call for non-combustible linings and **attachments** to both the inside and outside of external walls of commercial buildings of two stories or more.

This **eliminates** traditional materials such as solid timber and plywood, and many newer materials such as combustible-cored aluminium composite panels, and composite timber products.

The BCA allows for certain materials to be deemed as non-combustible in Part C1.9, namely, plasterboard, fibrous cement sheeting and metal, but standard products available in these materials are generally quite **pedestrian** in nature.

On the other hand, custom or generically specifying supposedly non-combustible feature linings is fraught with danger due to running into complications with fire certification issues, engineering issues due to wind loading and/ or seismic requirements, as well as moisture ingress, corrosion and UV resistance issues.

Not to mention l**egal liability**!

Why SUPAWOOD?

Supawood has put this range together to give you the support and confidence you need when specifying non-combustible decorative, acoustic or feature linings.

We have structural engineers, fire engineers and acoustic engineers on call to ensure your specific design can be created cost effectively and be compliant at the same time.

We look forward to hearing from you!

Declare. The Nutrition Label for Products

Supawood Aluminium Products
Supawood Architectural Lining Systems

Final Assembly: Bathurst NSW Australia
Life Expectancy: 60 Year(s)
End of Life Options: Recyclable (99%), Landfill (1%)

Ingredients:

Aluminium Decorative Section: Aluminum; **Supabab, 7mm or 12mm:** Polyethylene Terephthalate; Polyethylene; 9,10-Anthracenedione, 1,1'-[(6-phenyl-1,3,5-triazine- 2,4-diyl)diimino]bis-; Anthra[2,1,9-def:6,5,10-d'e'f'] diisoquinoline-1,3,8,10(2H,9H)-tetrone, 2,9-bis(3,5-dimethylphenyl)-; C. I. Pigment Blue 15; C.I. Pigment Green 7; Carbon black; Titanium dioxide; **Aluminium Fixing Section:** Aluminum; **Supabab, 2mm:** Polyethylene Terephthalate; **Powder coat:** 1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid and 2,2-dimethyl-1,3-propanediol; Barium sulfate; C.I. Pigment Blue 28; Titanium dioxide; C.I. Pigment Yellow 42; Diethanolamine; Aluminum Oxide; Amorphous silica; C.I. Pigment Green 50; Carbon black; Mica-group minerals; **Anodising:** Aluminum Oxide; aluminum sulfate; **Fasteners or clips:** Steel; **Plastic end caps:** Polypropylene

Living Building Challenge Criteria: Compliant

I-13 Red List:
■ LBC Red List Free   % Disclosed: 100% at 100ppm
☐ LBC Red List Approved   VOC Content: Not Applicable
☐ Declared

I-10 Interior Performance: CDPH Standard Method v1.2-2017
I-14 Responsible Sourcing: Not Applicable

SAL-0001
EXP. 01 DEC 2023
Original Issue Date: 2022

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

Declare helps you and your clients use sustainable materials by showing you:
> Where a product comes from
> What a product is made of
> Where a product goes at the end of its life
> If a product contains toxic ingredients

Why **Declare**?
Declare is the only label that combines material transparency and the Red List. It distills complex chemical ingredient information into an easy to read label. **Declare** helps you find and specify Red List Free products, which are healthy for people, the environment, and communities.

Benefits
> Quickly evaluate products to find the healthiest choice for you and your client
> Contribute to Green Star, Living Building Challenge, LEED, and WELL projects
> Make a difference with every specification!

Want to know more about **Declare**?
Visit https://living-future.org.au/declare/

Arden Anglican School
Epping NSW

90 Arthur Street
North Sydney NSW

Download ALUCLICK Brochure

UNSW CoFA, Block D
Paddington NSW

ALUCLICK

The Quick Click Beam System for Inside and Out

90 Arthur Street
North Sydney NSW

Warriewood Square Shopping Centre
Warriewood NSW

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SUPASLAT Aluminium
Modular Metal Slat System

Ministry and Learning Centre at Morling College
Macquarie Park NSW

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UNSW CoFA, Block D
Paddington NSW

Woodside HQ
Perth WA

UNSW CoFA, Block D
Paddington NSW

Download SUPASLAT Aluminium Brochure

Warriewood Square Shopping Centre
Warriewood NSW

SUP/\METAL ALUMINIUM

External Woodgrain D-Series (Textured)

NOTE: Only for slats, beams and panels up to 300mm wide.

These textured woodgrain finishes address current trends by applying the amazing look **and** feel of natural timber to fully non-combustible and durable lining products. The result means you can apply this look anywhere, even in the harshest environments.

White Oak

Grey Oak

Tas Oak

Curly Birch

Blackbutt

Spotted Gum

Western Red Cedar

Brown Oak

Ebony

Other custom colours are also available. Please contact SUPAWOOD for more information.

External Woodgrain L-Series (Smooth)

NOTE: Best for flat panels and blades more than 300mm wide.

White Ash

Hoop Pine*

Tasmanian Oak*

Swedish Oak

Snow Gum

Blackbutt*

Kwila

Chestnut

Western Red Cedar

L-Series woodgrains can vary in colour from panel to panel as shown in this photo

* these finishes have a longer lead time

SUPAMETAL ALUMINIUM

Solid Colour Finishes

Other powder coated colours are available on quantities over 50m^2.
Extra lead times and charges apply.

Pearl White Matt	Lunar Grey Matt	Natural Shimmer Flat Matt	Nobel Silver Pearl
Scintillating Champagne Matt	Bronze Pearl Matt	Asteroid Pearl Matt	Dark Grey Matt
Monument MKII Satin	Ebony Matt	Flat Matt White	Antimicrobial White Satin
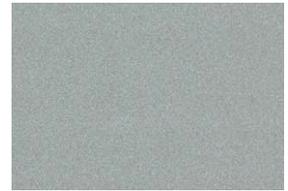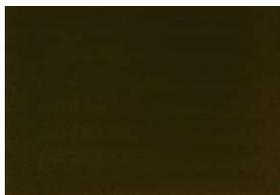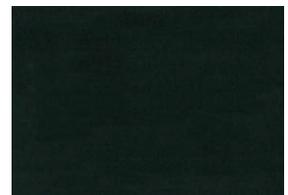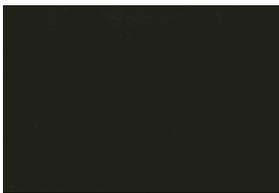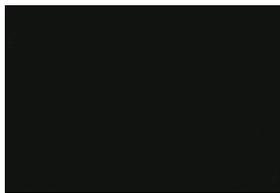
More Colours!

FINISHES

The world's most adaptable range of architectural lining finishes

Australia and New Zealand edition

Concept veneers | Natural timber veneers | Textured | Solid colours | Powder Coated | Specials

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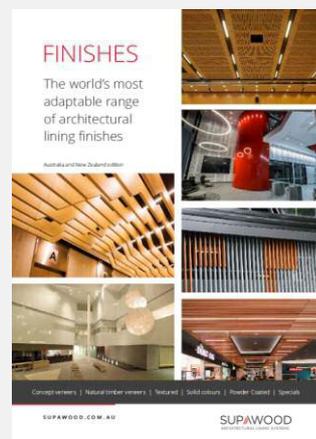
We have many more additional colours available.

Contact Us
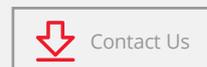
See extract below from NCC 2019 C1.9 regarding the use of non-combustible products:

(e)   The following materials may be used wherever a *non-combustible* material is *required*:

(i)   Plasterboard.

(ii)   Perforated gypsum lath with a normal paper finish.

(iii)   Fibrous-plaster sheet.

(iv)   Fibre-reinforced cement sheeting.

(v)   Pre-finished metal sheeting having a *combustible* surface finish not exceeding 1 mm thickness and where the *Spread-of-Flame Index* of the product is not greater than 0.

(vi)   *Sarking-type materials* that do not exceed 1 mm in thickness and have a *Flammability Index* not greater than 5.

(vii)   Bonded laminated materials where—

(A)   each lamina, including any core, is *non-combustible*; and

(B)   each adhesive layer does not exceed 1 mm in thickness and the total thickness of the adhesive layers

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See extract below from AS/NZS 1530.3-1999 on the powder coat finish:

End Use :   Architectural Aluminium Coating
Nominal Composition :   Polyester resin powder coating
Nominal Mass per Unit Area/Density :   1.2-1.7 g/m2
Nominal Thickness :   60-80um

AS/NZS 1530.3-1999   **Methods for Fire Tests on Building Materials, Components and Structures**
Part 3: Simultaneous Determination of Ignitability,
Flame Propagation, Heat Release and Smoke Release

Face tested: Face

Date tested: 02/12/2016

	Standard Error	Mean	
Ignition time	0.10	7.98	min
Flame propagation time	Nil	Nil	sec
Heat release integral	2.0	16.9	kJ/m²
Smoke release, log d	0.0170	-1.4856	
Optical density, d		0.0328	/ metre

Number of specimens ignited: 6

Number of specimens tested: 6

Regulatory Indices:
Ignitability Index   12   Range 0-20
Spread of Flame Index   0   Range 0-10

We know it's not always easy to find a solution that will make your project stand out as distinctive and satisfy your client and the project's performance, compliance and budget needs. That's why we customise a large range of ceiling and wall systems to your specifications.

If you are ready to see your vision come to life in the way you want, get started by scheduling a free design call with our team.

> **Schedule a Design Call**

As adaptable as your *imagination ...*