



# 10 YEARS OF INNOWOOD



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## ABOUT INNOWOOD

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Established in 2005, INNOWOOD is an Australian company and a leader in the design, manufacture and supply of composite timber products.

We pride ourselves on continuous improvement and innovation resulting in the delivery of high quality products and services for commercial, residential and industrial applications.

INNOWOOD products represent the ideal alternative to natural timber. Manufactured predominantly from natural wood waste, our products help to prevent forest depletion through the sustainable use of recycled material and energy management.

Being at the forefront of global composite timber technology, we are proud to be the chosen composite timber supplier of leading national and international architects, designers and builders. Our versatility and product performance are instrumental to the continued success of various projects completed within Australia and overseas.





*We are not satisfied with simply complying  
with environmental regulations.*

INNWOOD products use wood waste as the main resource, through an energy conserving production process with low emissions to air, soil, and water to create our unique environmentally friendly formulation, after the service life of the material, the product can be recycled through use of INNWOOD proprietary recycling program.



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## POSSIBILITIES CHARACTERISTICS

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INNOWOOD'S material characteristics open a wide variety of possibilities. It can be used as External Cladding, Internal Lining, Outdoor Decking, Indoor Flooring, Shading, Street Furniture and Screening.

At INNOWOOD, we operate within an environment of continuous improvement and innovation. The development of our material properties, performance and texture is an ongoing process to continually improve the finishes, lifespan and colour durability of our products. To date we have been able to limit and control the thermal expansion process, thereby creating even greater stability in our materials. All INNOWOOD products may be upgraded to achieve a particular fire performance rating on request.

### AWARD WINNING BRAND

INNOWOOD is proud to have been announced among the Top 100 Trusted Brands by Architecture & Design consecutively for the third year, as voted by Australia's leading Architects, Builders, Designers and the public. We are committed to continually innovating in design and providing world class service and consultation to maintain our position as an industry leader in sustainable composite timber alternatives.



### FIRE RATING PERFORMANCE

Fire safety is highly regulated in Australia's building industry. But meeting existing fire performance requirements does not mean having to sacrifice the use of internal and external architectural timber products.

INNOWOOD composite timber is a rigorously tested high performance product that is capable of achieving up to a Group 1 rating for AS/NZS 3837, or up to BAL-29 rating for AS 3959:2009 (available on request). With the look and feel of natural timber, INNOWOOD composite timber proves that fire safety and aesthetics can go hand-in-hand



### LIFE CYCLE ASSESSMENT

We make it our priority to ensure that the entire INNOWOOD product life cycle has positive impact on the planet with low carbon emissions from the raw material stage, to our manufacturing processes, to the finished product and beyond.

Innowood products have been independently assessed and ratified to comply ISO 14025 - Type III Environmental Declaration and EN 15804 for the Sustainability of construction work - Environmental Product Declarations to provide our customers with trust and reassurance that our products are environmentally responsible. Our products use wood waste as the main resource and we use an energy conserving production process which has low emissions to air, soil and water.





## 10 YEARS OF INNOWOOD

Since 2005 INNOWOOD has been at the forefront of innovation, product development and performance in composite timber. After many years of extensive application, the reputation of our brand has grown to the point where today our products are specified far and wide, both nationally and internationally, and our brand has been awarded one of the industry's highest accolades "Winner of Exterior Wall Material" by Architecture & Design in 2015.



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# PRODUCT RANGE

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# INNOCLAD

## INNOWOOD EXTERNAL CLADDING

INNOWOOD Cladding is an architectural composite wood cladding system that enhances the look and feel of any outdoor façades and internal linings. InnoClad is Ideal for any new buildings or renovations and also it is suitable for residential and commercial in both indoor & outdoor applications.

INNOWOOD external cladding system comes in your choice of Flat Joint and Shiplap cladding systems. With the flexibility to orientate vertically or horizontally, INNOWOOD external cladding systems deliver a clean finish with consistently spaced shadow/join lines.

## APPLICATIONS & BENEFITS

### APPLICATIONS

- Residential Application
- Commercial Application
- Health / Aged Care Facilities
- Educational Institutions
- Hospitality Sector
- Fit Outs
- Retail & Shopping Centres

### BENEFITS

- Lightweight & Durable
- Fire & Water resistant
- Natural Timber Look & Feel
- Adds Warmth and Style
- Enhances Aesthetic Appeal
- Variety of Colours & Finishes
- Fungus, Termite & Mould Resistant
- Environmentally Friendly product
- Acoustic & Thermal Insulation
- Can be Orientated Vertically or Horizontally
- Quick and Easy to Install



Private House, Manly - NSW, Australia



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# INNOSCREEN

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InnoScreen systems offer an exciting, flexible and versatile alternative to conventional facade designs. With the look and feel of real timber, they add a warm, natural and stylish look to enhance the appearance of any conventional wall, soffit or ceiling treatment.

InnoScreen systems deliver multiple benefits over real timber. They are ideal for internal and external use in both commercial and residential settings and are easy to install, saving time and money.

INNOWOOD InnoScreen systems can also be used to create shade and optimise natural light while simultaneously providing privacy and security.

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# INNOCEIL

InnoCeil offers the Architect & Designers the flexibility to create any architectural features, curves, waves and shadows effects while incorporating basic building services such as lighting, ventilation, sprinklers and air vents.

Our systems not only create instant sophistication as an architectural feature, but they also have a high acoustic performance rating for the ultimate sound quality and external noise reduction capabilities.

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## SOL'ART SHADING

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INNOWOOD architecturally designed SOL'ART Shading Systems enhance a building's environment by creating shade, privacy and increased thermal comfort.

SOL'ART Shading Systems also facilitate the control of direct sunlight to increase or decrease solar heat gain (depending on the season).

This not only serves to optimise internal comfort naturally, but can also substantially improve a building's energy efficiency, making our shading systems ideal for both commercial and residential applications.

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## APPLICATIONS & BENEFITS

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Quick and Easy to Install





# INNOFLOOR

InnoFloor looks and feels like natural timber without any of the natural timber's challenges.

InnoFloor uses innovative technology that allows us to manufacture using recycled timber. InnoFloor can be used in both domestic and commercial applications.

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# LANDSCAPE & OUTDOOR

Unlike timber, INNOWOOD landscape & outdoor solutions are lightweight for significant cost savings, environmentally friendly, low maintenance, fire resistant, slip resistant and highly durable.

INNOWOOD Decking looks and feels like natural timber but delivers superior performance, with none of natural timber's challenges. Available in two options, InnoDeck and InnoTiles,

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# INNORAIL

InnoRail hand railing and crash railing systems use composite timber materials that satisfy safety requirements.

InnoRail Hand Rail and Crash Rail systems are designed for use in commercial, residential and industrial applications to deliver comprehensive support and stability for safety purposes.

InnoRail products are also easy to clean and install and highly suitable for the health industry, aged care sector and for use in public spaces.

All InnoRail products are water, termite, mould, impact and fire resistant.

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## Ventilated Facade

INNOWOOD Ventilated Facade is developed for the purpose of reducing the energy consumption on any building for the purpose of achieving proper ventilation.

INNOWOOD Ventilated Façade Systems can significantly improve the energy efficiency of a building by improving thermal comfort and reducing the reliance of HVAC systems, whilst improving the acoustic performance of the facade.

Also known as double-skin façades or rain-screens, ventilated façade systems can also assist in protecting buildings against the combined action of wind and rain by counterbalancing the effects of water beating on walls and keeping the building dry and can also offer acoustic control benefits.

To understand the potential benefits of a ventilated façade it is important to understand the fundamental concepts behind the system.

At its most basic, a ventilated façade system consists two layers of different facades which are separated by an air cavity. This cavity prevents rainwater from penetrating and diffuses water vapour from the inside to the outside. While the external cladding serves to provide the majority of rain and wind protection, the air corridor between the support structure and the external cladding plays a major role in the ventilated façade system.



*“INNOWOOD ventilated facade system helps in achieving proper ventilation in any building.”*



## COLOURS & FINISHES

INNOWOOD pre-finished product comes in your choice of either INNOVATIVE or PREMIUM Colour Ranges.

The main difference between our two ranges is in the texture. The Innovative Range has a brushed texture included in the extrusion process which creates a linear grain like texture whereas the Premium Range utilises the latest technology to imitate a natural wood grain structure.

### INNOVATIVE COLOUR RANGE

Iron Bark, Spotted Gum, Teak, American Oak, Weathered Wood, Ebony and Western Red Cedar

#### SURFACE FINISH OPTIONS

Smooth, Brushed, Embossed and Embedded Wood Grain



\*Please bear in mind that colours may appear slightly different on delivery due to different printer and monitor settings.

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### PREMIUM COLOUR RANGE

Golden Oak, Tasmania Oak, Dark Oak, Premium Oak, Urban Oak, Kiwi Black and Lily White

#### SURFACE FINISH OPTIONS

Smooth and Brushed



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## WHY INNOWOOD

INNOWOOD is an innovative composite sustainable timber alternative

### SUSTAINABILITY

**100 %**  
recyclable

- Low VOC emissions
- Energy efficient
- Non-toxic, safe
- Thermal Solution
- Low maintenance
- All cutting waste is 100% recyclable

### SPECIFICATION BENEFITS

**DURABLE**  
lightweight

- Won't crack, split, swell or rot
- Doesn't cause odor pollution
- Termite, mildew and water resistant
- Lightweight Solution
- Durable
- Easy Installation

### INNOVATIVE PRODUCT

**FLEXIBILITY**  
in design

- Can be designed and extruded into different profiles.
- Can be sawn, drilled, nailed, planed, bonded & painted
- Acoustic insulation
- Splinter-free

### UNRIVALLED CAPABILITY

**FIRE RATING**  
to suite your requirement

- Standard product meets the BCA Fire Hazard regulations under AS1530.3
- Can supply Fire Hazard property Group 1 AS/NZS 3837 specification A2.4 of BCA
- Bushfire BAL rating up to BAL- 29 AS3959:2009 on request

### TIMELESS REFINEMENT

**NATURAL**  
beauty

- Extensive range of stunning colours and finishes
- The beauty of natural timber, without the challenges
- The ability to match your decor, from decking and screening to cladding, ceilings and more

For more information, visit [www.innowood.com](http://www.innowood.com)

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