

13 YEARS OF INNOWOOD

INNOWOOD is an Australian company dedicated to environmental protection through the development and design of innovative composite wood products that are a sustainable alternative to natural timber.

INNOWOOD products are predominately made from wood waste, helping to prevent depletion of forests through the sustainable use of renewable materials and energy management.



INNOWOOD IS A SUSTAINABLE AND ENVIRONMENTALLY RESPONSIBLE PRODUCT FIT FOR THE CHALLENGING BUILT ENVIRONMENT OF TODAY

Over the past years, we have conducted various tests through third parties testing authorities from CSIRO, SGS, AWTA, CETEC, INTERTEK, University of Sydney and University of Western Sydney to certify the capabilities, and to have the qualities of being a fire retardant with the quality of absorbing very little moisture, a 100% recyclable and nontoxic product.



LIFE CYCLE ASSESSMENT

Innowood has been audited and assessment by third party authorities is now Environmental product declaration (EPD) registered, this assessment is a verified document that reports environmental data of products based on life cycle assessment (LCA) and other relevant information, in accordance with the international standard ISO 14025 (Type III) Environmental Declarations



green building council australia
MEMBER 2018-2019

GREEN BUILDING COUNCIL AUSTRALIA MEMBER

INNWOOD is a member of the Green Building Council of Australia since 2010.



CODEMARK AUSTRALIA CERTIFIED

INNWOOD is pleased to announce that, InnoClad and InnoScreen is now officially Codemark certified by CertMark International (CMI) and 3rd party accredited certification body (ISO 17065).



WHY INNWOOD?

INNWOOD technical team has designed and developed a range of product systems based on Innwood material properties, Innwood product system are flexible to design, lightweight solution, easy to install and suitable for use in indoor & outdoor environment.

Innwood material is resistant to termites, water & fire, durable, requires low maintenance and it can also be used to improve the energy efficiency that in turn dramatically lower the long-term costs and reduce the carbon footprint of the buildings.

<https://innwood.com/environmental-friendly-product/>



Low
Emission



Water
Resistance



UV
Resistance



Termite
Resistance



Fire
Retardant



Thermal
Resistance



100%
Recyclable



Acoustic
Performance

INNWOOD COMPOSITE MATERIAL

INNWOOD uses a sustainable new high-tech ingredient and finishing process to achieve a wood grain texture to be the closest match to the look of natural timber, making it a sustainable timber alternative.

INNWOOD is an advanced composite material that utilizes the latest extrusion technology to convert recycled wood powder and resin material into various profiles to suit a variety of applications.

The new high-tech ingredient also makes the Innwood material Termite, mildew and water resistant, with the further advantage of not splitting, cracking or rotting over time. Being a highly durable material, INNWOOD remains the market leader for composite timber and serves as a sustainable environmentally friendly choice for architects, designers and end users.

INNOWOOD COMPOSITE PRODUCT AND SYSTEM RANGE



01

CLADDING

FLAT JOINT FIXING
SHIPLAP FIXING
SECRET FIXED SHIPLAP



02

INTERNAL LINING

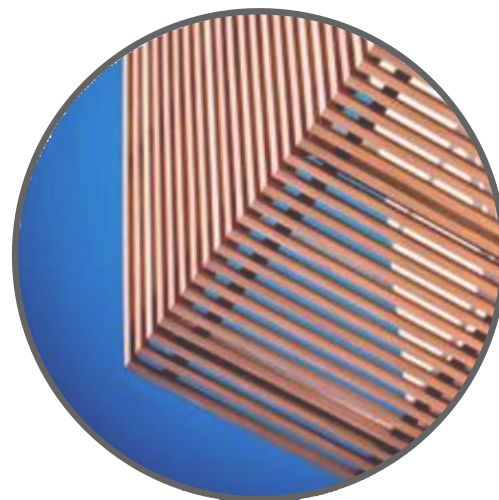
V - JOINT SHIPLAP
SECRET FIXED SHIPLAP
CONCEALED CLIP FIXING
DIRECT FIXING



03

CEILING

CONCEALED CLIP FIXING
SHIPLAP CEILING
SLATTED CEILING
SUSPENDED CLICK ON



04

SCREENING

CONCEAL LOCK ON FIXING
DIRECT FACE FIXING



05

SOL'ART SHADING

SOL'ART FIXED
SOL'ART OPERABLE – MANUAL
SOL'ART OPERABLE – MOTORISED
SOL'ART CILUM FOLDING LOUVRE



06

DECKING

FIBRE DECK SYSTEM



INNOWOOD 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 InnoClad is suitable for residential and commercial in both indoor & outdoor applications.

EXTERNAL CLADDING SYSTEM

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



INNOWOOD CEILING

INNOCEIL SYSTEMS OFFER THE IDEAL TIMBER LOOK CEILING SOLUTION FOR ANY COMMERCIAL OR RESIDENTIAL APPLICATION

INNOWOOD ceilings are considered as innovative ceiling solutions as they provide a real timber look and greatly enhances the appearance of any building. INNOWOOD ceiling systems offer the ideal ceiling solution for any commercial or residential application.



INTERNAL LINING SYSTEM

INNOWOOD internal linings systems designed with tongue and groove shiplap joint, the edges of the joint on the exposed face are chamfered to create a “V” shiplap system, can be also select as board and board with “clip” concealed fixed system for internal walls, balconies or eaves at the joists/battens.



INNOWOOD SCREEN

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's multi-function InnoScreen systems can be used to create shade and optimise natural light while simultaneously providing privacy and security



INNOWOOD DECKING

INNOWOOD'S Decking solutions are lightweight for significant cost savings, environmentally friendly, low maintenance, fire resistant, non-slip 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.



INNOWOOD SHADING

INNOWOOD SOL'ART SHADING SYSTEM ENHANCES THE BUILDING VENTILATION GREATLY.

INNOWOOD's architecturally designed SOL'ART Shading Systems included fixed Louvre, manually operated Louvre, motorised Louvre, folding Louvre, facilitate the control of direct sunlight enhance a building environment by creating shade, privacy and increased thermal comfort but also significantly improve the energy efficiency, to increase thermal comfort ideal for both commercial and residential applications.



SOL'ART CILIAM FOLDING LOUVRE SYSTEM

SOL'ART InnoShade products combined with the RENSON Cilium folding Louvre system creating the possibility to design and realise a seamless facade that changes at the flick of a switch. Changing from a completely screened wall, to a composition with shaded windows.



CASE STUDY

THE INNOWOOD PRODUCT SYSTEM PROVIDES A TOTAL ARCHITECTURAL SOLUTION FOR RESIDENTIAL AND COMMERCIAL APPLICATIONS.



SYDNEY WILDLIFE ZOO

LIGHTWEIGHT & SUSTAINABLE

This was INNOWOOD's first major high profile project in 2006. Sydney Wildlife Zoo is a unique family attraction located at Darling Harbour in the heart of Sydney City.

It's been over 10 years, the product still remains structurally strong and durable without any maintenance.

ARCHITECTURAL BRIEF:

The architects originally specified the use of recycled natural hardwood timber for this project. However the weight of hardwood timber created significant structural challenges for the design and engineering of the façade. In addition, the large quantities of the timber required for the project could not be sourced in Australia at the time.

Innowood's Ceiling solution was a lighter composite wood profile which reduced the façade's weight by up to 70% while preserving the natural hardwood timber look. Its unique clipping system whereby panels would simply clip into place without the need for visible screws and nails. As a result, the installation process was streamlined, delivering significant cost savings to the client.



WHARF 8 & 9

WATER RESISTANT AND DURABLE

WHARF 8 & 9 IS AN ICONIC PART OF SYDNEY'S SPECTACULAR FINGER WHARF RESIDENTIAL DEVELOPMENT DIRECTLY FRONTING SYDNEY HARBOUR

The architects had the using natural timber that it would fail to withstand the harsh saltwater environment resulting from the ebb and flow of the tidal line. Innwood is tested and proven as being suitable for marine inter tidal zones and salt spray environments. This project demonstrated that INNOWOOD material is capable of delivering the ideal solution and timber alternative, even in the most challenging environment.



AYERS ROCK RESORT

MINIMAL BOARD MOVEMENT AND HIGH SLIP RESISTANCE

The INNOWOOD Premium “Fibre Deck” System is a revolutionary wood composite product that utilises a new patented technology which enhances the rigidity, durability and toughness of the decking board to achieve better performance by significantly minimising the board movement at different temperatures.

Nature-inspired embossed wood grain surface delivers the highest wet pendulum slip rating possible to create a safe, slip-resistant surface. Premium Decking looks and feels like natural timber but delivers superior performance. It does not crack, decay, split, mould. It's also termite and water resistant. Innowood Decking is light weight and therefore has a significant cost advantage over natural timber.



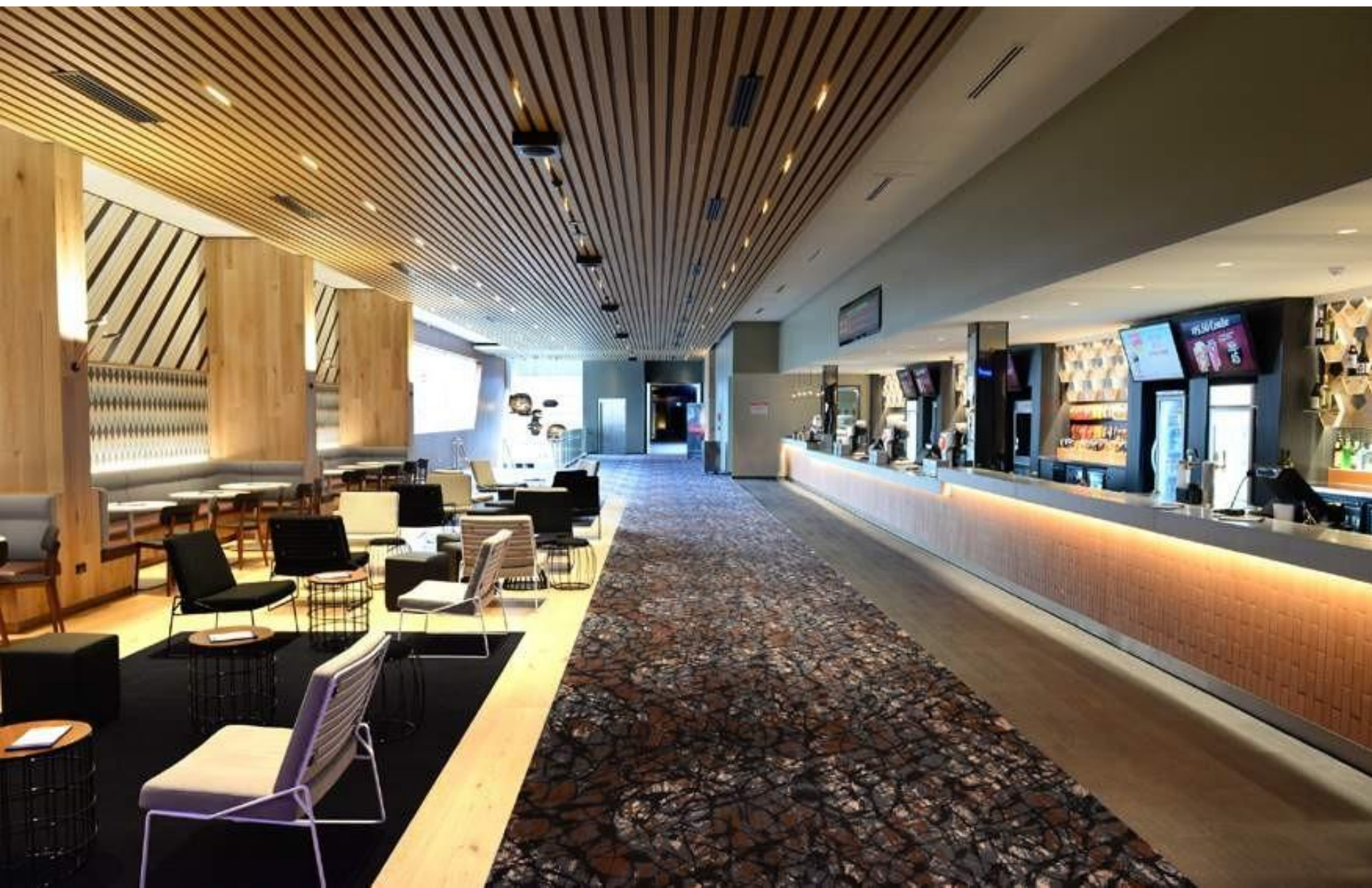


GU FILM HOUSE PROJECT SOUTH AUSTRALIA

FIRE PERFORMANCE

The architect for this project specified a timber ceiling that would satisfy both safety and aesthetic requirements. The ceiling had to have a GROUP 1 fire rating under Building Code of Australia (BCA) while simultaneously offering a sophisticated modern design that would incorporate the building's lighting requirements.

INNWOOD's custom made ceiling products enabled the architect of the GU Film House project at Glenelg in South Australia to achieve the elegant interior look he had envisioned for the project while simultaneously meeting the required GROUP 1 fire rating.





www.innowood.com