

Product Guide

Panels Solid Timber

The trusted prefinished and
preassembled acoustic linear
batten system.

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screenwood.com.au





Panels Solid Timber, 4020-8
Western red cedar,
clear finish

For over 20 years, we've proudly collaborated with leading interior architects and designers, shaping rich and sustainable spatial experiences that enhance comfort, well-being, and a deeper connection to nature.

In 2005, Screenwood began with Panels after recognising the potential for a certified acoustic linear batten system that was prefinished, preassembled, and remarkably simple to install.

Since then, the Screenwood Panels system has been specified for projects large and small—from law courts, libraries, shopping centres, and hotels to corporate headquarters, universities, and countless architecturally designed homes.



Panels Solid Timber

Panels is our bestselling prefinished and preassembled acoustic linear batten system, made to order in Australia. Delivering an NRC of up to 1.0, this high-performance architectural acoustic lining reduces reverberation and increases speech intelligibility in noise-sensitive environments.

The Panels Solid Timber system is available in a range of timber species and profiles with clear or tinted UV lacquer finishes.

World-class sustainability

PEFC™ solid timber available in Hemlock, Blackbutt, Spotted gum and Western red cedar from sustainably managed plantations.

Acoustically rated

Superb sound absorption and reverberation control for optimal communication, productivity, and tranquility.

Unprecedented design versatility

Suits vertical, horizontal and curved applications.

Premium, low VOC finishes

A choice of durable, low VOC, low maintenance clear or tinted finishes.

Preassembled for efficient installation

Supplied ready to install, making them more cost effective than a clip system, and easily removable.

Accommodates lighting and services

Enables flush mounting or recess of lighting fixtures and the incorporation of electrical and fire building services.

Fire certified

Group 3 tested to AS5637.1.

Australian made

Designed and crafted in Australia by Screenwood.

Panels acoustic system is also available in Panels MR (moisture-resistant medium-density fibreboard) and Panels FR (fire-resistant medium-density fibreboard), prefinished in NAVURBAN™ decorative film.





Panels Solid Timber, 6030-5
Blackbutt,
clear finish

Empowering stylish interior soundscaping

Trusted by interior designers and architects, the Panels system empowers you to influence acoustic experiences without compromising aesthetics.

Suitable applications

- High-occupancy interior projects
- Internal ceilings, walls and curves with acoustic requirements
- Commercial grade projects
- Any Group 3 fire-rated interior projects requiring a solid timber acoustic lining

Suitable markets

Aged care	Government	Transport hubs
Childcare	Healthcare	Multi-res developments
Commercial	Hospitality	Public buildings
Education	Hotels and clubs	Retail

Note: This product is not warranted for external use.

Comprehensive Testing and Certifications

NRC rated (acoustic performance)

The Panels system has been independently tested and has an NRC of up to 1.0.

PEFC™ certified

Our timber is from environmentally certified Australian mills.

Global GreenTag™ certified

Global GreenTag™ certified GreenRate Level B and GreenTag PHD PlatinumHEALTH™.

Fire certified

Group 3 fire-rated, tested to AS5637.1.

Low VOC

Exceeds GBCA requirements for commercial fitouts. Tested for organic emissions to ASTM D5116.

Substrate properties

Property	Unit	Hemlock	Blackbutt	Western red cedar	Spotted gum
Density	kg/m³	505	900	350	990
Modulus of rupture (MOR)	MPa	78	144	49-55	142
Modulus of elasticity (MOE)	MPa	11.3	19	6.95-7.7	19

Results available on request.



Panels Solid Timber, 4030-6
Spotted gum,
clear finish

Premium substrates for outstanding acoustic performance

Substrate overview

This Panels range is available in solid Hemlock, Blackbutt, Western red cedar and Spotted gum PEFC™ certified timber.

SC15 acoustic textile (included)

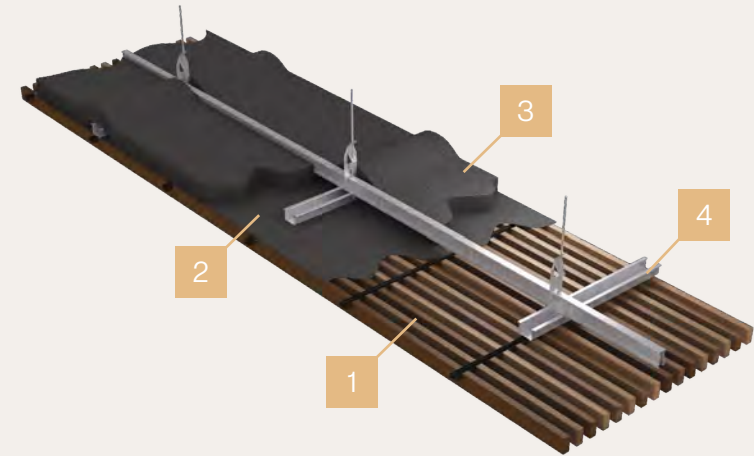
Panels Solid Timber systems are fitted with a high-performance SC15 acoustic textile to reduce reverberation and increase speech intelligibility in noise-sensitive environments. This acoustic fabric achieves an NRC of up to 0.7* and has been designed to complement this range.

SCP50 acoustic polyester (optional)

For outstanding acoustic performance, you can fit your Panels Solid Timber system with SCP50 (50mm thick acoustic polyester) and achieve an NRC of up to 1.0*. SCP50 is supplied in sheets 1200mm x 2400mm.

*NRC of the sample calculated in accordance with ASTM C423-90A. Test performed with Panels profile 4020-8.

Ceiling installation



Wall installation



- 1 Panels lining system
- 2 SC15 acoustic textile
- 3 SCP50 acoustic polyester
- 4 Furring channel/Top hat

Choose your Panels Solid Timber profile

Group 3 fire-rating

3040 Series



Blade dimensions	28mm x 40mm
Effective cover	296mm
Panel thickness	28mm
Available lengths	900mm-3600mm, cut to specification
Weight	Varies according to chosen set-out and timber species. See website for weights.

3060 Series



Blade dimensions	28mm x 40mm
Effective cover	296mm
Panel thickness	28mm
Available lengths	900mm-3600mm, cut to specification
Weight	Varies according to chosen set-out and timber species. See website for weights.

Standard set-outs

3040-4		
Blade spacing	34mm	
3040-5		
Blade spacing	19.2mm	
3040-6		
Blade spacing	9.3mm	

Standard set-outs

3060-2		
Blade spacing	88mm	
3060-3		
Blade spacing	38.7mm	
3060-4		
Blade spacing	14mm	

Choose your Panels Solid Timber profile

Group 3 fire-rating

4020 Series



Blade dimensions	38mm x 17mm
Effective cover	296mm
Panel thickness	38mm
Available lengths	900mm-3600mm, cut to specification
Weight	Varies according to chosen set-out and timber species. See website for weights.

4030 Series



Blade dimensions	40mm x 28mm
Effective cover	296mm
Panel thickness	40mm
Available lengths	900mm-3600mm, cut to specification
Weight	Varies according to chosen set-out and timber species. See website for weights.

Standard set-outs

4020-6		
Blade spacing	32.3mm	
4020-7		
Blade spacing	25.3mm	
4020-8		
Blade spacing	20mm	

Standard set-outs

4030-4		
Blade spacing	88mm	
4030-5		
Blade spacing	38.7mm	
4030-6		
Blade spacing	14mm	

Choose your Panels Solid Timber profile

Group 3 fire-rating

6030 Series



Blade dimensions	60mm x 28mm
Effective cover	296mm
Panel thickness	60mm
Available lengths	900mm-3600mm, cut to specification
Weight	Varies according to chosen set-out and timber species. See website for weights.

9040 Series



Blade dimensions	90mm x 38mm
Effective cover	296mm
Panel thickness	90mm
Available lengths	900mm-3600mm, cut to specification
Weight	Varies according to chosen set-out and timber species. See website for weights.

Standard set-outs

6030-3		
Blade spacing	70.7mm	
6030-4		
Blade spacing	46mm	
6030-5		
Blade spacing	31.2mm	

Standard set-outs

9040-2		
Blade spacing	110mm	
9040-3		
Blade spacing	60.7mm	

Sensory engagement - the benefits of solid timber

Naturally warm and tactile, our Panels Solid Timber system fosters a sense of comfort and connection, contributing to occupant well-being through biophilic design principles. Each timber species offers a distinctive visual depth to enhance sensory engagement and make your interiors feel more grounded, crafted, and refined.

Panels Solid Timber species

Hemlock



Hemlock is a beautiful softwood native to North America. The pale timber features a few visually attractive knots and a uniform grain.

Blackbutt



Blackbutt is a premium Australian hardwood known for its durability and distinctive warm character. The grain is evenly textured and generally straight.

Western red cedar



Western red cedar makes lightweight and stable battens with natural colour variations. The grain is fine, straight, and typically uniform with a smooth, even pattern that displays subtle wavy lines or tight knots for visual character.

Spotted gum



Spotted gum is a premium native hardwood with a striking appearance and naturally high durability and strength. The grain is elegant and beautifully textured in character.

Choose your finish

The Panels Solid Timber acoustic system is available with lacquer prefinishing or in the timber's raw natural form. Download our comprehensive Finishes Guide or view the up-to-date range at screenwood.com.au/finishes to find the perfect aesthetic for your project.

Lacquer finishes

This solid timber acoustic system features trusted vacuum-coated UV lacquer finishes crafted by a family-owned Australian business that shares our passion for premium quality and sustainable practices. The lacquer is engineered to maintain and enhance the wood's striking natural grain, resulting in a rich, satin-matte surface look.

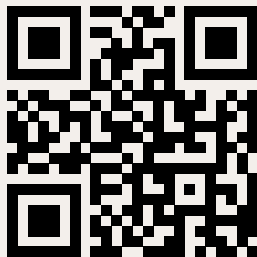
Our lacquer range is:

- Durable
- Solvent-free (low VOC)
- Low maintenance
(wipe down with warm, soapy water)
- Suitable for interiors.

Clear and tinted options

This acoustic system is available in clear lacquer to highlight the wood's natural character or as a tint to empower your chosen aesthetic. Custom tints are available on request.

Order finish samples



Scan the code or visit
screenwood.com.au/samples



In-built sustainability

Australian made for sustainability control

We proudly manufacture this product in Australia to control sustainable business practices from start to finish.

Global GreenTag™

The Panels system has achieved Global GreenTag™ certification to Level B and the PlatinumHEALTH™ rating. This certification aligns with your green building and sustainability goals by ensuring the product meets stringent world-class standards for health and safety, non-eco-toxicity, post consumer recycled content, waste reduction, and compliance with environmental and labour regulations.

PEFC™ certification

We proudly hold Programme for the Endorsement of Forest Certifications (PEFC™) for our Panels Solid Timber range. PEFC™ certification provides assurance of sustainability throughout the entire value chain, from the forest to the finished product.

Chain of Custody

Screenwood complies with Chain of Custody for certified wood and forest products and is committed to operating a Due Diligence System (DDS) in accordance with AS 4707:2014.

Ethical sourcing and supply chain transparency

Panels components are sourced from ethical suppliers who comply with stringent Global GreenTag™ criteria, ensuring sustainability throughout the value chain.

Sustainable packaging

We deliver our products in recyclable, recycled, and biodegradable packaging, promoting easy disposal to minimise environmental impact.



All our products are designed
and made in Australia at our
factory in Kirrawee, NSW.



Project gallery

We're proud that our Panels Solid Timber acoustic system has been selected by leading interior architects, designers, and builders for prestigious projects, including **Flinders University**, **Tea Tree Plaza**, **Westfield**, the **ACT Law Courts**, **HSBC Barangaroo**, **City of Perth Library**, and **Hydro Tasmania**.

Need more inspiration?

Visit screenwood.com.au/projectgallery and be inspired by our regularly updated case studies.



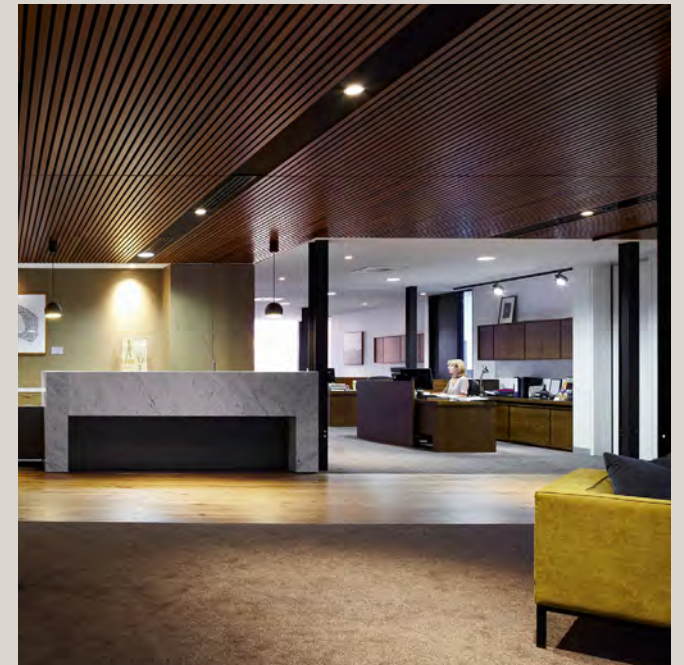


Panels Solid Timber 3040-4
Hemlock,
clear finish



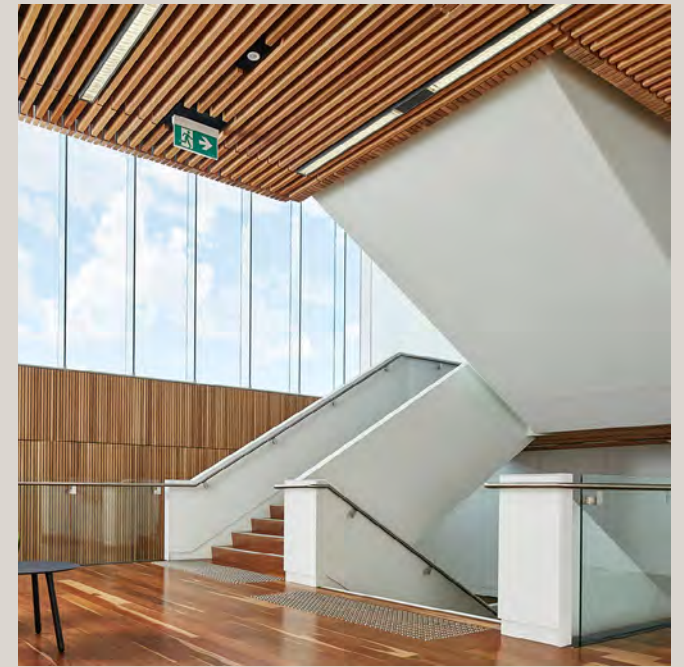


Panels Solid Timber, 3040-5
Western red cedar,
walnut finish





Panels Solid Timber, 9040-3
Western red cedar,
clear finish





Panels Solid Timber, 3040-5
Hemlock and Spotted gum,
clear finish



How to specify Panels Solid Timber

Product	Screenwood Panels Solid Timber
Application	Internal
Species	Hemlock Blackbutt Western red cedar Spotted gum
Fire Rating	Group 3
NRC	Up to 1.0
Profile	Select applicable profile: 3040 3060 4020 4030 6030 9040
Set-out	Insert selected set-out: e.g. 3040-5
Lengths	900mm-3600mm (as applicable)
Finish	Insert selected finish: e.g. clear

Ordering and delivery

How to order

To place an order or request a quote, email hello@screenwood.com.au or contact our expert team on +61 2 9521 7200.

Delivery time

Approximately 4 weeks, confirmed upon receipt of deposit.

Express orders

Please contact us to confirm the timeframe.

Minimum order quantity

A set-up charge applies on orders below our minimum order quantity of 25 square metres.

Installation

Installation and finishing

The Panels Solid Timber system is delivered prefinished and preassembled for swift and cost effective installation.

- Can be installed using off-the-shelf top hat/furring channel and screws instead of expensive, proprietary systems.
- Off-the-shelf aluminium angle can be used for edging and reverse angles.

For comprehensive installation and finishing instructions, please view our Installation Guide.

For further resources, visit screenwood.com.au/resources.



Book an on-site
project consultation

An expert will visit you with a complete
sample kit and provide technical
guidance, specifying advice, pricing,
and quotes.

Call us on +61 2 9521 7200
or email hello@screenwood.com.au
to book your consultation today.

About Screenwood

We empower visionary interior architecture by championing the principles of strength, utility, and beauty in architectural and acoustic decorative lining innovations. As designers and manufacturers, we strive to create a positive impact through technical expertise, master craftsmanship, and genuine care for people and the planet.

We're proud to earn customer trust through consistency, delivering meticulously engineered products and systems that set the benchmark for performance, cost-effectiveness, and ease of installation.



Panels Solid Timber, 3040-5
Blackbutt,
clear finish

One architectural product family. Unlimited design potential.

Modulo®



The trusted tongue and groove panelling system for interior architects and designers seeking a cost effective, simple-to-install solution without compromise. Modulo® is available in Group 1, 2, and 3 fire-rated substrates as well as Group 1 acoustic versions - all with Global GreenTag™ certifications to align with your sustainable building vision.

Panels



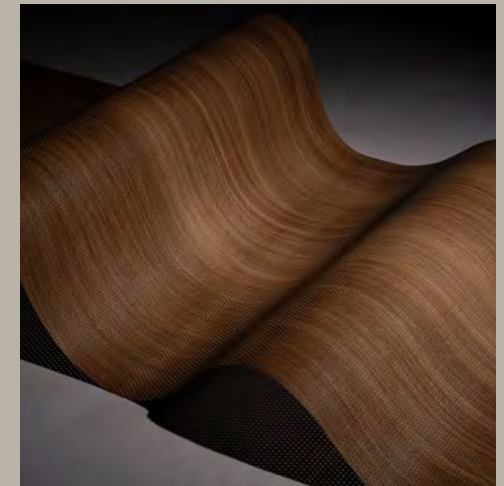
Our prefinished and preassembled acoustic linear batten system delivers an NRC of up to 1.0. The Panels system is available in a range of profiles in PEFC™ solid timber or fibreboard prefinished in NAVURBAN™ olefin film.

Stix®



The Stix® collection presents a sophisticated range of prefinished, loose decorative battens, technically designed to complement our Modulo®, Panels and Soundlina® systems. Global GreenTag™ certified Stix® battens are available in Group 2 and 3 fire-rated substrates.

Soundlina®



Winner of the 2024 Good Design Award, Soundlina® is the world's first-to-market perforated architectural wall covering with high acoustic performance. Boasting an NRC of 0.85, a Group 1 fire rating and Global GreenTag™ certification, Soundlina® is prefinished in NAVURBAN Diamond™ for ultimate durability and an ultra-realistic woodgrain aesthetic.



We're ready to help.

Screenwood Australia

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Be inspired

Explore our product innovations and
get inspired at screenwood.com.au

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Version: 10-2025-V1

Acknowledgement of Country

In the spirit of reconciliation, we acknowledge the Traditional Custodians of Country throughout Australia and their connections to land, sea and community. We pay our respect to their Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples today.

Screenwood for all

Our products are for everyone, and so is our workplace. We believe in constantly building a diverse and inclusive culture for a more equitable world.

