

FR Plywood Panels Technical Data Sheet

Featurecraft's FR Plywood is an impact resistant, acoustic and fire safe / fire retardant decorative wall and ceiling lining system.

This product can be perforated for acoustic performance, is impact resistant, and comes in a range of timber species.

featurecraft.com



Product Details

Type	FR Plywood Panel
Species Options	FR Birch, FR Poplar, FR Radiata Pine
Pre-finished or Unfinished	Pre-finished
Finishes	<p>Natural (Sealed with clear-coat flat varnish)</p> <p>Custom (Various stains and washes are available on request if you are trying to match to other finishes – please enquire for details)</p>
Backing	<p>Perforated – 1mm Felt</p> <p>Non-perforated – Nothing</p>
Grade	B/BB (A higher grade can be achieved by applying a cleaner grade timber veneer to the surface of the panel)
Thickness Density Weight (per 2400x1200 panel)	<p>6mm* 750kg/m³ 11.5kg</p> <p>9mm* 750kg/m³ 17.5kg</p> <p>12mm 750kg/m³ 23kg</p> <p>16mm 750kg/m³ 29kg</p> <p>18mm 750kg/m³ 35kg</p> <p>*These thicknesses are curvable</p>
Panel Sizes	<p>2400 x 1200mm</p> <p>2700 x 1200mm</p> <p>3000 x 1200mm</p> <p>Custom options available – please enquire</p>

Warranty

Product Warranty	10 Years
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Application and Installation

Applications	<p>Interior Walls</p> <p>Interior Ceilings</p> <p>Exterior Soffits</p> <p>Ceiling Tiles (We can alter panel sizes to fit within ceiling grids)</p>
Installation Methods	<p>Adhesive Fix</p> <p>Concealed Fix</p> <p>Exposed Screw Fix</p>

Perforations

Perforation Options	Slots, Holes, Grooves, Custom
NRC Rating	An NRC value of up to 0.95 can be achieved depending on the perforation pattern and coverage – please enquire

Ratings

Fire Rating	View Fire Test Info Sheet on the pages following
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Environmental

Green Building Rating Compliance	View EnviroSpec Summary Sheet on the pages following
Formaldehyde Emission	<p>FR Poplar – Super E0</p> <p>FR Birch, FR Radiata Pine – No Reading</p>
Sustainability Options (On enquiry)	<p>FSC® Chain of Custody</p> <p>PEFC™ Certification</p>



New Zealand

Panels	Group Fire Ratings
FR Plywood Panel FR Birch & FR Poplar With no timber veneer 12, 16 & 18mm thickness	1S

Australia

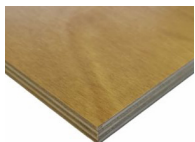
Panels	Group Fire Ratings
FR Plywood Panel FR Birch & FR Poplar With timber veneer & with no timber veneer 12, 16 & 18mm thickness Non-perforated & perforated with exposed surface area of 220%	2

[Contact us](#) to view full fire test results



FR Birch

FSC®



FR Poplar

FSC®



FR Radiata Pine

FSC®

The colours shown are as accurate as possible, but we recommend that you request product samples before making a final selection. All timber species have their own natural variations of colour and grain and product samples may not fully reflect the colour and grade variation that can occur.

FSC® and PEFC™

Featurecraft carries Chain of Custody (CoC) certification that enables us to sell Timber, MDF, Plywood and Timber Veneer that carries either FSC® certification or PEFC™ certification.

FSC® certified timber and PEFC™ certified timber undergo independent, third-party audited certification procedures at every step of the supply chain. This provides designers, specifiers, architects, and consumers absolute assurance that those forest and wood products labelled as FSC® certified or PEFC™ certified originate from responsible sources, which are managed to be prescribed social, economic, and environmental standards.

[View FSC® and PEFC™ certificates at the Downloads tab on our website.](#)

EnviroSpec

Our focus is to make Green compliance as easy as possible for Architects & Designers so we partnered with an independent Consultancy Company (EnviroSpec) who carried out a detailed analysis of our products & created our very own [Green Building Summary Sheets](#).

These sheets are ideal for Architects & Designers working on Greenstar & Homestar projects as it very clearly sets out the Green rating tool, credit category, requirements, details of compliance & the points that can be claimed when specifying Featurecraft products on both Greenstar & Homestar projects in Australia & New Zealand.

View EnviroSpec Summary sheet on the pages following.



Featurecraft Solid Timber Battens are a natural product and has knots and blemishes in the timber. There will be different colour & grain variations from batch to batch. All timber needs to be handled with care and by qualified tradesmen. Battens need to be stored inside, out of sunlight, off the ground, in a dry moisture free environment and flat, well supported and totally free of moisture with a cover sheet on the top for protection. Featurecraft take no responsibility for bowed battens due to incorrect storage and moisture ingress. Featurecraft needs to be advised of any complaints within 3 days of received the goods, any complaints received after 3 days will be void. Installation of Featurecraft Solid Timber Battens must be carried out as per instructions listed on the Featurecraft Installation Guide. Featurecraft cannot be held accountable for alternative installation methods, as doing so will void the product warranty.

