

# Fireply X®



An innovative range of prefinished plywood panels, with perforation and colour options, combining advanced fire resistance (Group 2), aesthetics and acoustics for decorative walls and ceilings.

**Fireply X®** is a versatile, prefinished and ready-to-install plywood, compliant with the increasingly rigorous relevant Australian Standards relating to fire safety.

With the focus of solving major design and compliance challenges, **Fireply X®** is available in eight colours, a range of perforated options, as well as all certified as Fire Hazard Group 2 making it compliant for use in almost all areas of all Class 2-9 buildings as defined by the Building Code of Australia (BCA).

The Group 2 certified perforated, tested for sound absorption by the CSIRO, options add a much-needed solution for projects where acoustics, aesthetics and fire safety compliance are all non-negotiable.

**Fireply X®** is the latest development in our well-established **matilda fireply®** range and ensures the finishing of these panels is in line with all proper use recommendations and that the finished panels match, or surpass, aesthetic and performance expectations.

Most fire-retardant plywood is treated post-production, limiting its fire resistance, or relies on intumescent paints and lacquers that require maintenance and negatively impact on appearance, durability and compliance. In contrast, **Fireply X®** doesn't rely on its surface finishing to provide resistance to fire. The product is treated by veneer

impregnation prior to plywood production, making the whole product fire retardant, not just the exterior. Therefore, any trimming on site can be done without fear of negatively effecting or voiding the product's fire rating. Panels are supplied cut-to-size at either 2400x1200mm or 2390x1190mm (to allow for expressed joints) to reduce cutting on site and allowing for quick and simple installation without the risk of non-compliance or voiding warranties.

- Available prefinished in a range of perforated and non-perforated options, in eight colours (stains)
- All options are certified as BCA Fire Hazard Group Number 2 using AS ISO 9705:2003 (room burn test) in accordance with AS 5637.1:2015
- Treated by veneer impregnation prior to plywood production
- Tested by CSIRO for acoustic performance with NRCs up to 0.85
- Lightweight and stable
- Doesn't rely on intumescent paint or lacquer to provide resistance to fire
- Low formaldehyde emissions (E0) – raw board only
- PEFC Certified
- Expressed joints (up to 10mm) permitted

See over for finish and perforation options.

For more information from our expert team on our natural, unique and beautiful timber veneers of exceptional quality:

**VISIT**  
matildaveneer.com.au  
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hello@matildaveneer.com.au  
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+ 61 7 5594 0655

*\*Some custom perforations may not be possible. Please contact us.*

*Image: Gemelli, Fortitude Valley, Qld  
Photography: David Chatfield*

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[matildaveneer.com.au](http://matildaveneer.com.au)

## THE NITTY GRITTY – SPECIFICATIONS

Thickness (mm)	Size	
	2390 x 1190mm	2400 x 1200mm
12	✓	✓
18	✓	✓
25	✓	✓

**SPECIES:** European Poplar  
**GRADE:** Select

**DENSITY:** 460-520kg/m<sup>3</sup>  
**GLUE:** Interior

**MOISTURE CONTENT:** 6-14%  
**CERTIFICATION:** PEFC Certified



# Fireply X<sup>®</sup>

## PREFINISHED COLOUR OPTIONS\*



Ash

Natural

Blackbutt

Spotted Gum

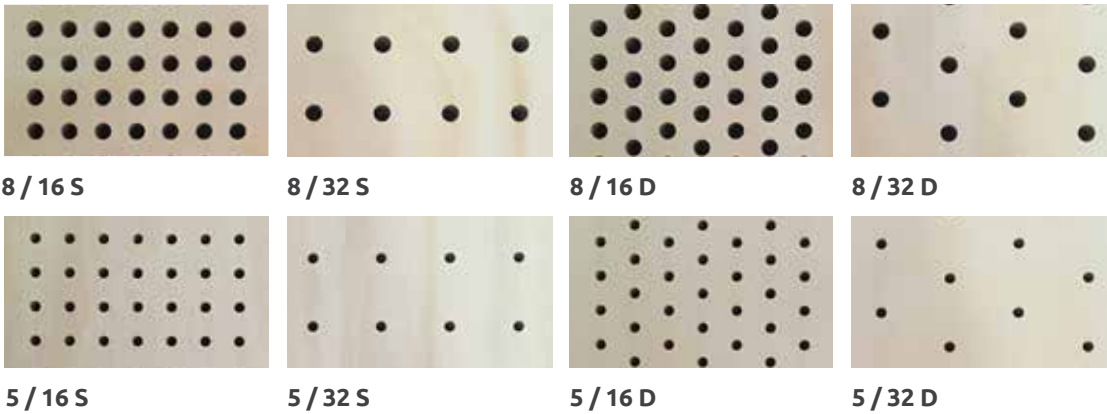
Ironbark

Jarrah

Aged

Ebony

## PERFORATION OPTIONS\*\*



8 / 16 S

8 / 32 S

8 / 16 D

8 / 32 D

5 / 16 S

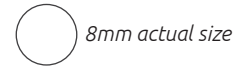
5 / 32 S

5 / 16 D

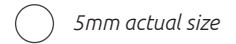
5 / 32 D

\* Images are indicative only. Always refer to physical samples. Samples available on request.

\*\*Perforation images are at a scale of 1:4



8mm actual size



5mm actual size

**8 / 16 S**  
 | Hole diameter | Distance between hole centres | Hole configuration

S: Square, D: Diamond

## ACOUSTIC PERFORMANCE

Panel thickness (mm)	Perforation type	Cavity (mm)	Insulation within void	NRC
12	8/16S & 8/16D	28	25mm thick 32kg/m <sup>3</sup> glasswool	0.85
12	8/16S & 8/16D	92	75mm thick 14kg/m <sup>3</sup> glasswool	0.85
12	8/16S & 8/16D	92	nil – void empty	0.80
12	8/16S & 8/16D	28	25mm thick 14kg/m <sup>3</sup> glasswool	0.70
12	5/16S & 5/16D	28	25mm thick 32kg/m <sup>3</sup> glasswool	0.65
12	5/16S & 5/16D	28	25mm thick 14kg/m <sup>3</sup> glasswool	0.60
12	5/16S & 5/16D	92	nil – void empty	0.60
12	5/16S & 5/16D	92	75mm thick 14kg/m <sup>3</sup> glasswool	0.60
12	8/16S & 8/16D	28	nil – void empty	0.60
12	5/16S & 5/16D	28	nil – void empty	0.55

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