

# Fireply X<sup>®</sup>

## SPECIFY WITH CONFIDENCE

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Easy to specify | Easy to Install

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**Natural | Unique | Beautiful**  
**(& COMPLIANT!)**

**PRODUCT DETAILS:**

**Species:** European Poplar  
**Grade:** Select  
**Glue:** Interior

**Certification:** PEFC Certified  
**Density:** 460~520kg/m<sup>3</sup>  
**Moisture Content:** 6-14%



**PANEL DIMENSIONS** *Tick boxes can be used as a quoting aid.*

**Thickness (mm)**

- 12 (Walls and ceilings)
- 18 (Walls – high impact)
- 25

**Size (mm)**

- 2400 x 1200 (Butt joints)
- 2390 x 1190 (10mm Expressed joints)

**COLOUR SELECTION\***



Ash



Natural



Blackbutt



Spotted Gum



Ironbark



Jarrah



Aged



Ebony

- Faces and edges to match. Perforations receive overspray only.
- Backs sealed only (without stain).

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

**PERFORATION\*\***



Flat (no perforation)

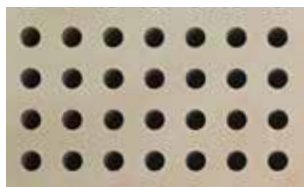
- Backs of perforated panels supplied with proprietary black FR acoustic scrim.
- Perforated panels supplied with nominal borders.

*\*\*Perforation images are at a scale of 1:3*



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

S: Square, D: Diamond



8 / 16 S (12mm only)



8 / 16 D (12mm only)



5 / 16 S



5 / 16 D



8 / 32 S



8 / 32 D



5 / 32 S



5 / 32 D

## FRAMING AND VOID

- Steel Frame  
 Maximum void depth: 92mm

- Any insulation/acoustic material within void must be certified Group 1 (AS 5637:2015) or non-combustible (AS 1530.1)

## ACOUSTIC PERFORMANCE

Panel thickness (mm)	Perforation type	Cavity (mm)	Insulation within void	NRC
12	5/16S & 5/16D	28	nil – void empty	0.55 <sup>1</sup>
12	5/16S & 5/16D	28	25mm thick 14kg/m <sup>3</sup> glasswool	0.60 <sup>3</sup>
12	5/16S & 5/16D	28	25mm thick 32kg/m <sup>3</sup> glasswool	0.65 <sup>1</sup>
12	5/16S & 5/16D	50	nil – void empty	0.60 <sup>2</sup>
12	5/16S & 5/16D	50	25mm thick 32kg/m <sup>3</sup> glasswool	0.60 <sup>2</sup>
12	5/16S & 5/16D	92	nil – void empty	0.60 <sup>1</sup>
12	5/16S & 5/16D	92	75mm thick 14kg/m <sup>3</sup> glasswool	0.60 <sup>3</sup>
12	5/16S & 5/16D	92	75mm thick 32kg/m <sup>3</sup> glasswool	0.60 <sup>1</sup>
12	8/16S & 8/16D	28	nil – void empty	0.60 <sup>1</sup>
12	8/16S & 8/16D	28	25mm thick 14kg/m <sup>3</sup> glasswool	0.70 <sup>3</sup>
12	8/16S & 8/16D	28	25mm thick 32kg/m <sup>3</sup> glasswool	0.85 <sup>1</sup>
12	8/16S & 8/16D	50	nil – void empty	0.60 <sup>2</sup>
12	8/16S & 8/16D	50	25mm thick 32kg/m <sup>3</sup> glasswool	0.80 <sup>2</sup>
12	8/16S & 8/16D	92	nil – void empty	0.80 <sup>1</sup>
12	8/16S & 8/16D	92	75mm thick 14kg/m <sup>3</sup> glasswool	0.85 <sup>3</sup>
12	8/16S & 8/16D	92	75mm thick 32kg/m <sup>3</sup> glasswool	0.85 <sup>1</sup>
18	5/16S & 5/16D	28	25mm thick 14kg/m <sup>3</sup> glasswool	0.55 <sup>3</sup>
18	5/16S & 5/16D	28	25mm thick 32kg/m <sup>3</sup> glasswool	0.65 <sup>1</sup>
18	5/16S & 5/16D	92	75mm thick 14kg/m <sup>3</sup> glasswool	0.50 <sup>3</sup>
18	5/16S & 5/16D	92	75mm thick 32kg/m <sup>3</sup> glasswool	0.60 <sup>1</sup>

<sup>1</sup> CSIRO tested result – certificate available

<sup>2</sup> acoustically modelled result – report available

<sup>3</sup> interpolated result

## FIXING METHOD

- 1. Fastmount™**  
(Concealed fixing system)



Standard PC Range recommended

- 2. Screw fixing\***



- 3. Screw fix perimeter with construction adhesive\***  
(combination)



\* Pre-drilling advised.

## SUGGESTED FIXING PATTERN

### 1. FASTMOUNT™ – CONCEALED FIXING SYSTEM

Walls: 12mm, 18mm

2400 x 1200mm

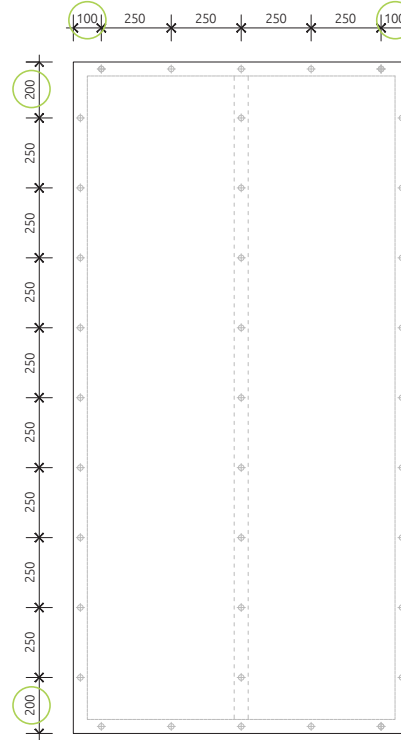
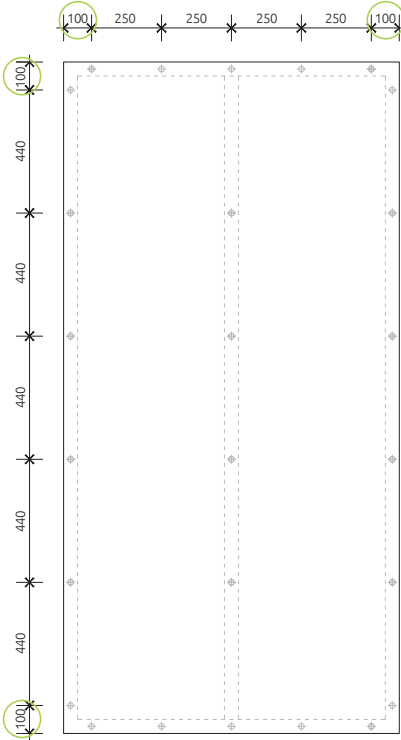
2390 x 1190mm (adjust fixings in panel corners to 95mm)

Ceilings: 12mm

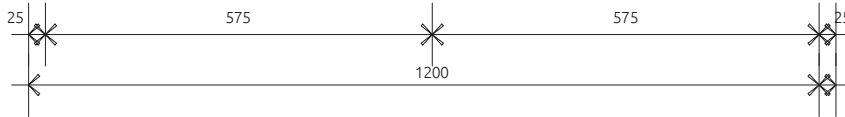
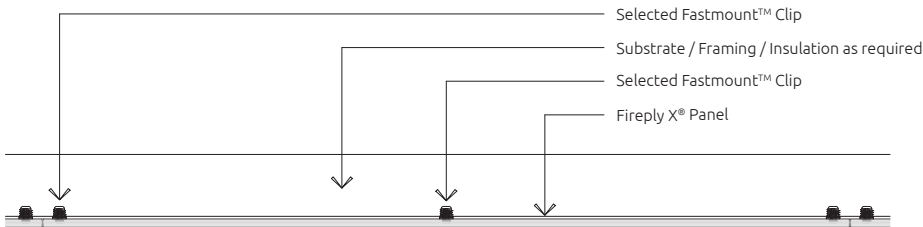
Walls: 25mm

2400 x 1200mm

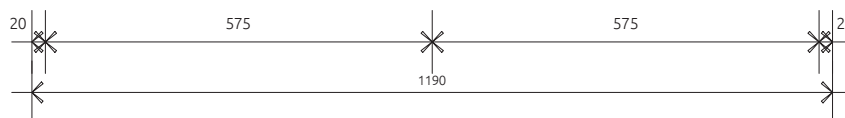
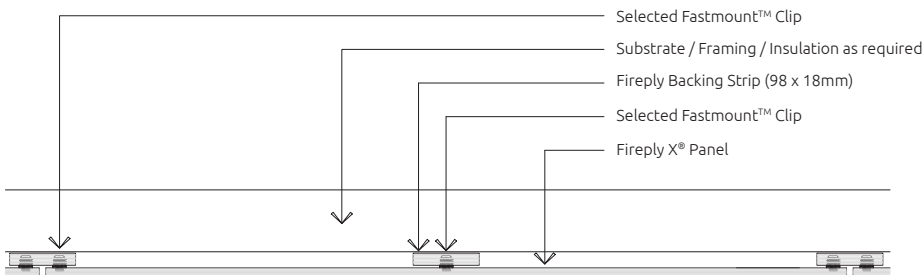
2390 x 1190mm (adjust fixings in panel corners to 95mm and 195mm)



## TYPICAL SECTION DETAIL



**FASTMOUNT™ – CONCEALED  
FIXING SYSTEM  
2400 X 1200 SHEET  
BUTT JOINTS  
WALLS & CEILINGS**



**FASTMOUNT™ – CONCEALED  
FIXING SYSTEM  
2390 X 1190 SHEET  
10MM EXPRESSED JOINTS  
WALLS & CEILINGS**

## 2. SCREW FIX

Walls: 12mm, 18mm

2400 x 1200mm

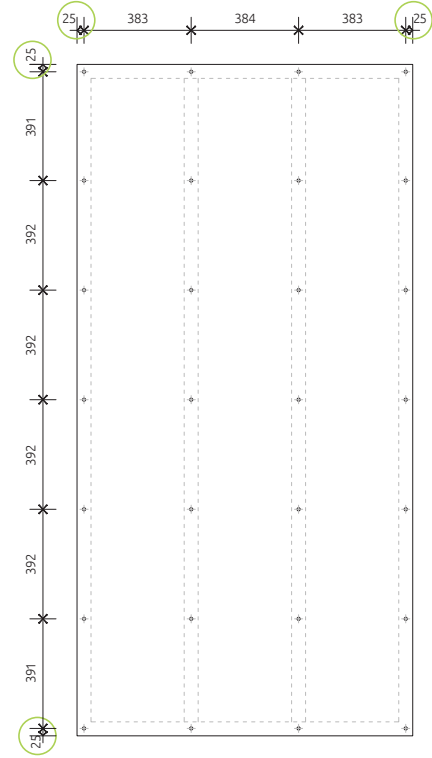
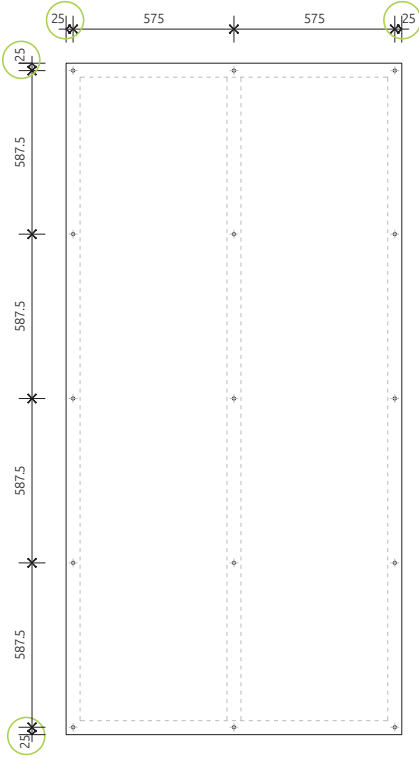
2390 x 1190mm (adjust fixings in panel corners to 20mm)

Ceilings: 12mm

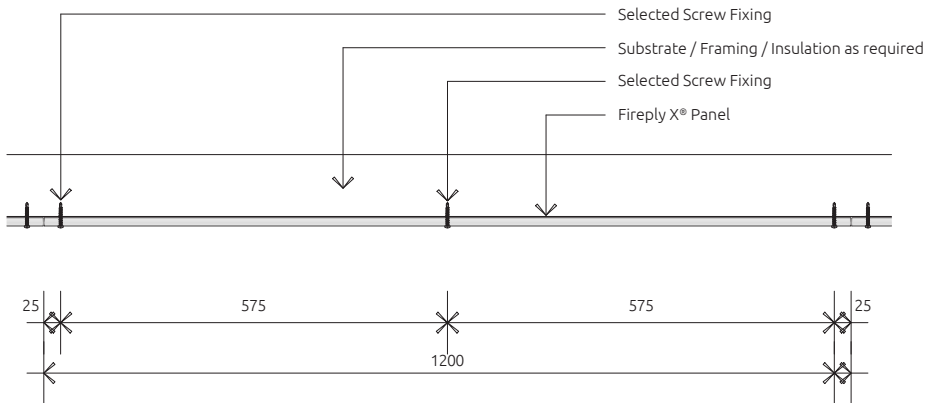
Walls: 25mm

2400 x 1200mm

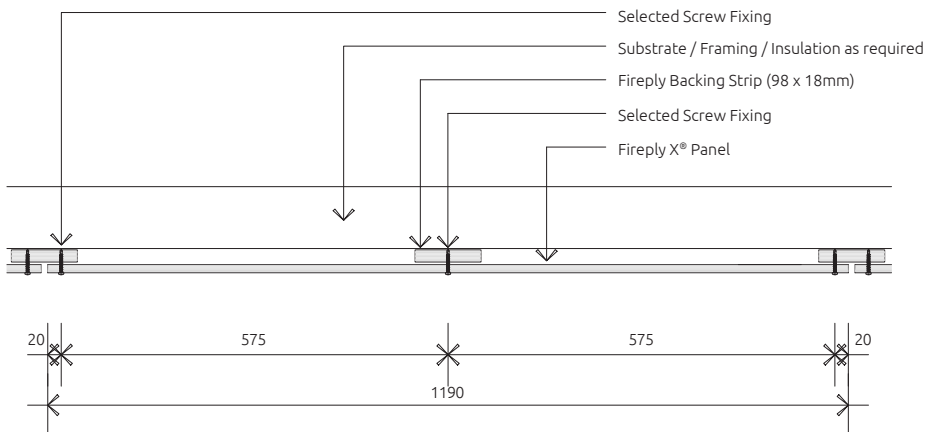
2390 x 1190mm (adjust fixings in panel corners to 20mm)



### TYPICAL SECTION DETAIL



**SCREW FIX  
2400 X 1200 SHEET  
BUTT JOINTS  
WALLS\***



**SCREW FIX  
2390 X 1190 SHEET  
10MM EXPRESSED JOINTS  
WALLS\***

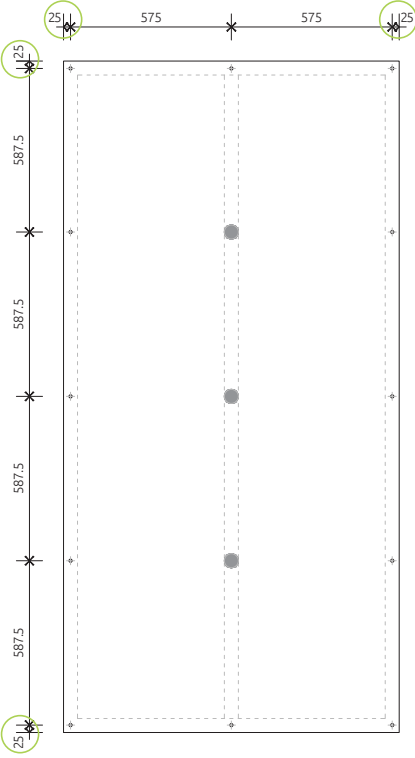
\*Contact us for ceiling section details

### 3. SCREW & GLUE

Walls: 12mm, 18mm

2400 x 1200mm

2390 x 1190mm (adjust fixings in panel corners to 20mm)

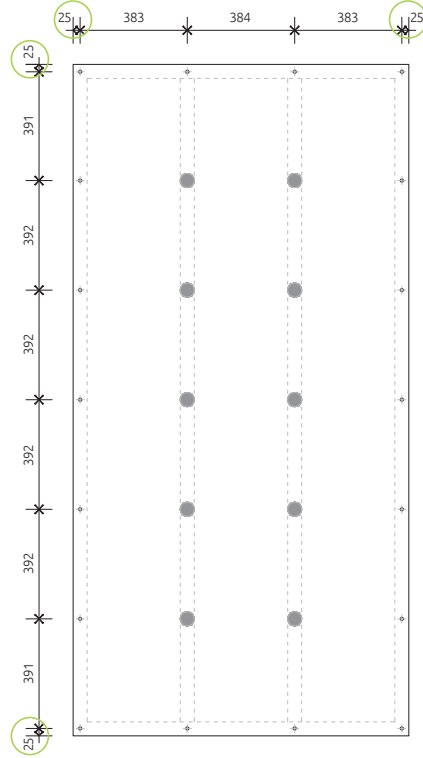


Ceilings: 12mm

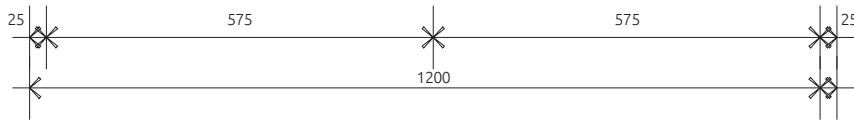
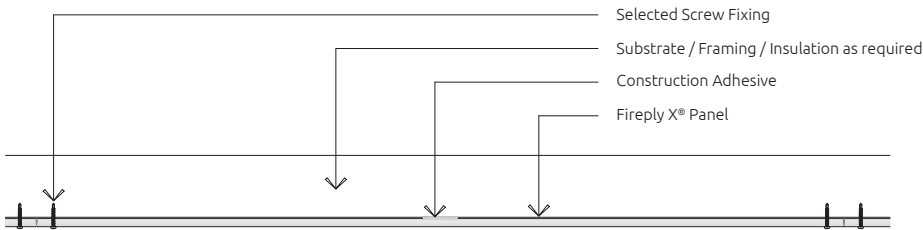
Walls: 25mm

2400 x 1200mm

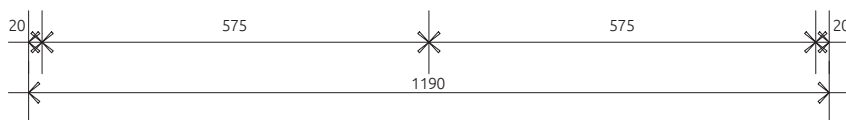
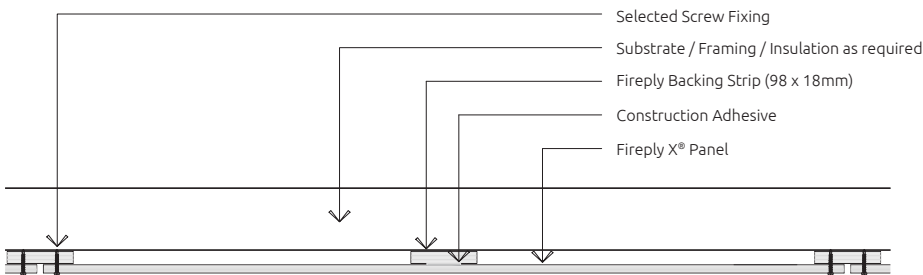
2390 x 1190mm (adjust fixings in panel corners to 20mm)



TYPICAL SECTION DETAIL



**SCREW & GLUE  
2400 X 1200 SHEET  
BUTT JOINTS  
WALLS\***



**SCREW & GLUE  
2390 X 1190 SHEET  
EXPRESSED JOINTS  
WALLS\***

\*Contact us for ceiling section details

## FIREPLY X® SPECIFICATION SUGGESTED TEXT

PRODUCT	THICKNESS (mm)	JOINT TYPE	FIXINGS	PERFORATION, INSULATION & CAVITY	FINISH	CONTACT
<b>FIREPLY X® BUTT JOINT PANELS</b> <b>2400 x 1200mm</b> PRE-FINISHED FIRE RETARDANT PLYWOOD EUROPEAN POPLAR FIRE HAZARD GROUP 2* PEFC CERTIFIED	12 18 25	Butt**	Fastmount™ Screw Fixed Screw & Glue	<b>Non-perforated</b> (flat panels) OR <b>Perforated</b> (select perforation option on page 2) Cavity depth (up to 92mm) Insulation with void (select from options on page 3)	<a href="#">Select from colour options on page 2</a> <ul style="list-style-type: none"> <li>Factory applied two pack polyurethane</li> <li>Satin finish with UV inhibitor</li> <li>2 coats on face and edges</li> <li>1 sealer (clear) on back</li> </ul>	Matilda Veneer projects@matildaveneer.com.au (07) 5594 0655
<b>FIREPLY X® EXPRESSED JOINT PANELS</b> <b>2390 x 1190mm</b> PRE-FINISHED FIRE RETARDANT PLYWOOD EUROPEAN POPLAR FIRE HAZARD GROUP 2* PEFC CERTIFIED	12 18 25	10mm Expressed	Fastmount™ Screw Fixed Screw & Glue	<b>Non-perforated</b> (flat panels) OR <b>Perforated</b> (select perforation option on page 2) Cavity depth (up to 92mm) Insulation with void (select from options on page 3)	<a href="#">Select from colour options on page 2</a> <ul style="list-style-type: none"> <li>Factory applied two pack polyurethane</li> <li>Satin finish with UV inhibitor</li> <li>2 coats on face and edges</li> <li>1 sealer (clear) on back</li> </ul>	Matilda Veneer projects@matildaveneer.com.au (07) 5594 0655
<b>EXPRESSED JOINT BACKING STRIP</b> MATILDA FIREPLY® FIRE RETARDANT PLYWOOD BACKING STRIP FIRE HAZARD GROUP 2* PEFC CERTIFIED	18	N/A		N/A	Backing strips provided raw to allow contractor to paint black onsite if required for use as expressed joints	Matilda Veneer projects@matildaveneer.com.au (07) 5594 0655

\* submit certificates/reports to the superintendent and certifier prior to installation

\*\* allow for expansion when using butt joints

## FIREPLY X® SPECIFICATION EXAMPLE FOR EXPRESSED JOINT PANELS

PRODUCT	THICKNESS (mm)	JOINT TYPE	FIXINGS	PERFORATION, INSULATION & CAVITY	FINISH	CONTACT
<b>FIREPLY X® EXPRESSED JOINT PANELS</b> <b>2390 x 1190mm</b> PRE-FINISHED GROUP 2 FIRE RETARDANT PLYWOOD EUROPEAN POPLAR FIRE HAZARD GROUP 2* PEFC CERTIFIED	12	10mm Expressed	Fastmount™	8/16S 75mm thick 14kg/m3 glasswool Cavity depth 92mm (NRC 0.85)	<b>Spotted Gum</b> <ul style="list-style-type: none"> <li>Factory applied two pack polyurethane</li> <li>Satin finish with UV inhibitor</li> <li>2 coats on face and edges</li> <li>1 sealer (clear) on back</li> </ul>	Matilda Veneer projects@matildaveneer.com.au (07) 5594 0655
<b>EXPRESSED JOINT BACKING STRIP</b> MATILDA FIREPLY® FIRE RETARDANT PLYWOOD BACKING STRIP FIRE HAZARD GROUP 2* PEFC CERTIFIED	18	N/A		N/A	Backing strips to be provided raw. Contractor to paint black onsite.	Matilda Veneer projects@matildaveneer.com.au (07) 5594 0655

\* submit certificates/reports to the superintendent and certifier prior to installation

## FIREPLY X® SPECIFICATION EXAMPLE FOR BUTT JOINT PANELS

PRODUCT	THICKNESS (mm)	JOINT TYPE	FIXINGS	PERFORATION, INSULATION & CAVITY	FINISH	CONTACT
<b>FIREPLY X® BUTT JOINT PANELS</b> <b>2400 x 1200mm</b> PRE-FINISHED FIRE RETARDANT PLYWOOD EUROPEAN POPLAR FIRE HAZARD GROUP 2* PEFC CERTIFIED	12 18 25	Butt**	Fastmount™	<b>Non-perforated</b> (flat panels) No insulation Cavity depth 28mm	<b>Blackbutt</b> <ul style="list-style-type: none"> <li>Factory applied two pack polyurethane</li> <li>Satin finish with UV inhibitor</li> <li>2 coats on face and edges</li> <li>1 sealer (clear) on back</li> </ul>	Matilda Veneer projects@matildaveneer.com.au (07) 5594 0655

\* submit certificates/reports to the superintendent and certifier prior to installation

\*\* allow for expansion when using butt joints

Contact our expert team for more information  
on our beautiful natural timber veneers and  
plywood products of exceptional quality.

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

**matilda**  
-VENEER-

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