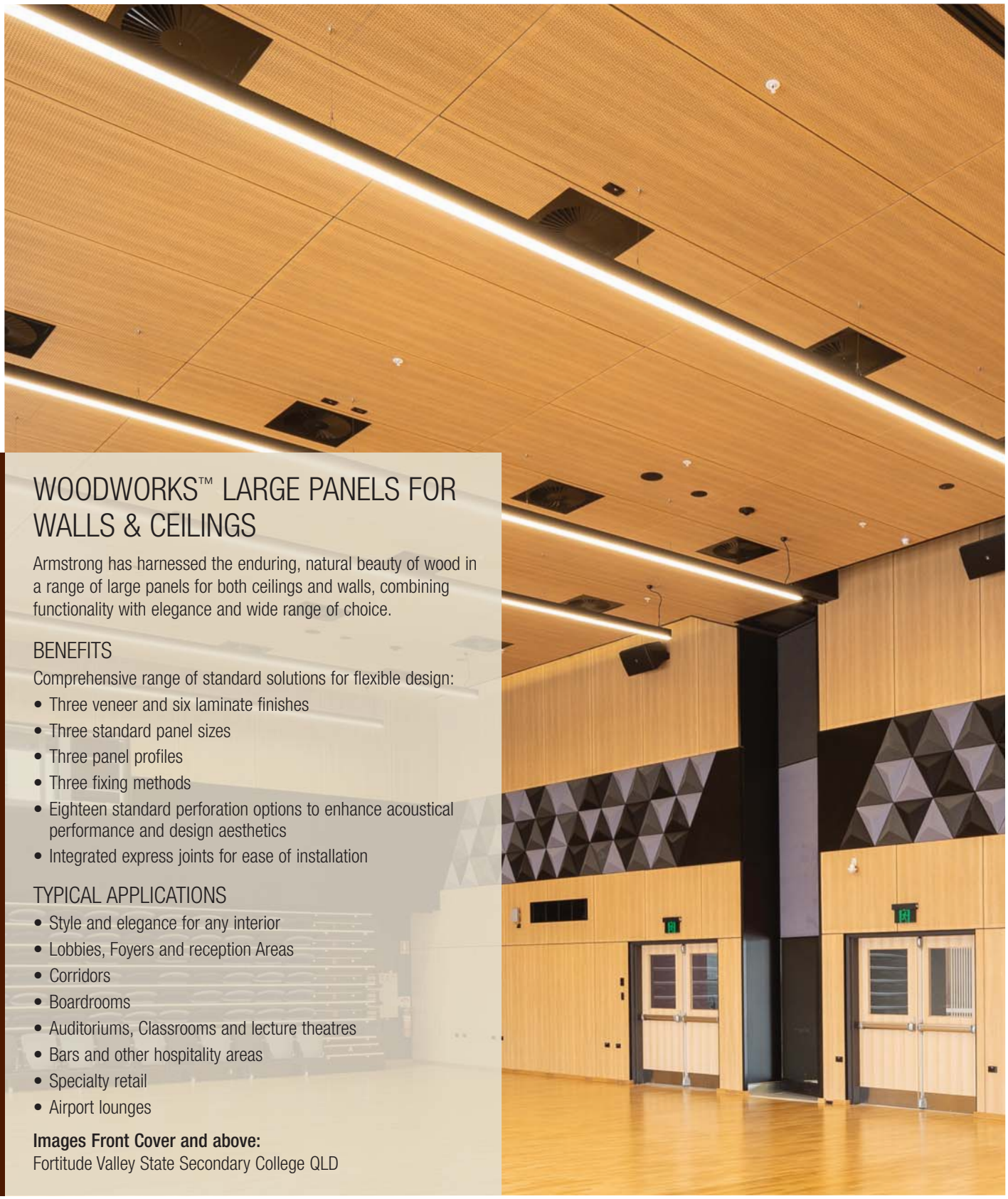
Armstrong®
CEILING SOLUTIONS

# WOODWORKS™

## LARGE PANELS FOR WALLS & CEILINGS

KNAUF CEILING Solutions



# WOODWORKS™ LARGE PANELS FOR WALLS & CEILINGS

Armstrong has harnessed the enduring, natural beauty of wood in a range of large panels for both ceilings and walls, combining functionality with elegance and wide range of choice.

## BENEFITS

Comprehensive range of standard solutions for flexible design:

- Three veneer and six laminate finishes
- Three standard panel sizes
- Three panel profiles
- Three fixing methods
- Eighteen standard perforation options to enhance acoustical performance and design aesthetics
- Integrated express joints for ease of installation

## TYPICAL APPLICATIONS

- Style and elegance for any interior
- Lobbies, Foyers and reception Areas
- Corridors
- Boardrooms
- Auditoriums, Classrooms and lecture theatres
- Bars and other hospitality areas
- Specialty retail
- Airport lounges

**Images Front Cover and above:**
Fortitude Valley State Secondary College QLD

### Laminates

FL(L) – Flaxen

AC(L) – Acacia

TE(L) – Tasman Elm

### Veneers (Also available in Laminates)

HP(L)(V) – Hoop Pine Rotary Cut

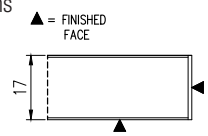
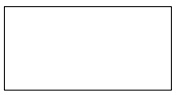
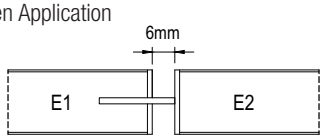
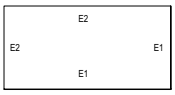
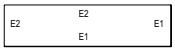
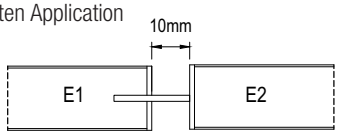
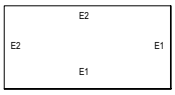
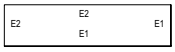
TO(L)(V) – Tasmanian Oak Quarter Cut

AW(L)(V) – American Walnut Crown Cut

**Colours are representative and may vary from samples and actual product. Other finishes are available on request.**

# PHYSICAL DATA

## System Selection

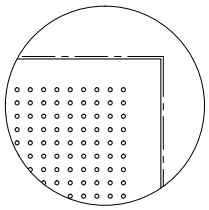
| | | | |
|---|---|---|---|
| **Plain Edge Board:** For Face Fixing or Rear Fixing Applications   | WLPF1<br>2400 x 1200 x 17mm  | WLPF2<br>2400 x 600 x 17mm | WLPF3<br>1200 x 1200 x 17mm |
| **Express 6 Edge:** For Fixing Rail or Split Batten Application   | WLPE64<br>2400 x 1200 x 17mm   | WLPE65<br>2400 x 600 x 17mm   | WLPE66<br>1200 x 1200 x 17mm |
| **Express 10 Edge:** For Fixing Rail or Split Batten Application   | WLPE107<br>2400 x 1200 x 17mm   | WLPE108<br>2400 x 600 x 17mm   | WLPE109<br>1200 x 1200 x 17mm |

**Conforms with BCA Spec. C1.10 and tested to AS 5637.1:2015 – Group 3**

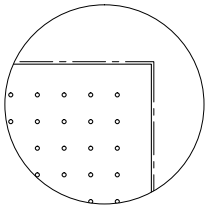
**Moisture Resistant MDF**

FSC
www.fsc.org
MIX
Wood from responsible sources

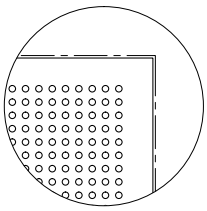
# PERFORATION PATTERNS



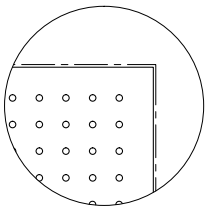
**Code: M20**
RG5007
Hole Size: 5mm
Hole Centre: 16mm
Pattern: Square
Open Area: 7.2%



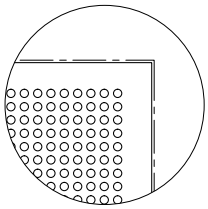
**Code: M21**
RG5002
Hole Size: 5mm
Hole Centre: 32mm
Pattern: Square
Open Area: 1.8%



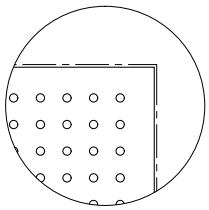
**Code: M22**
RG8019
Hole Size: 8mm
Hole Centre: 16mm
Pattern: Square
Open Area: 18.5%



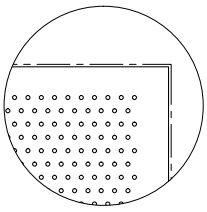
**Code: M23**
RG8005
Hole Size: 8mm
Hole Centre: 32mm
Pattern: Square
Open Area: 4.6%



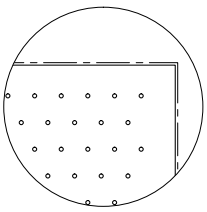
**Code: M24**
RG1029
Hole Size: 10mm
Hole Centre: 16mm
Pattern Square
Open Area 28.9%



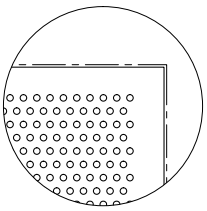
**Code: M25**
RG10007
Hole Size: 10mm
Hole Centre: 32mm
Pattern: Square
Open Area: 7.2%



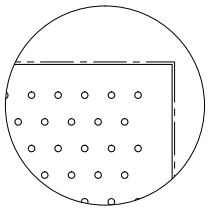
**Code: M26**
RD5007
Hole Size: 5mm
Hole Centre: 16mm
Pattern: Diamond
Open Area: 7.2%



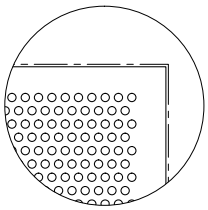
**Code: M27**
RD5002
Hole Size: 5mm
Hole Centre: 32mm
Pattern: Diamond
Open Area: 1.8%



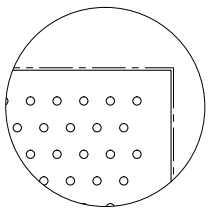
**Code: M28**
RD8019
Hole Size: 8mm
Hole Centre: 16mm
Pattern: Diamond
Open Area: 18.5%



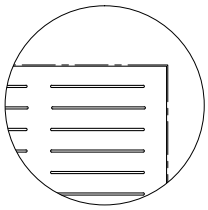
**Code: M29**
RD8005
Hole Size: 8mm
Hole Centre: 32mm
Pattern: Diamond
Open Area: 4.6%



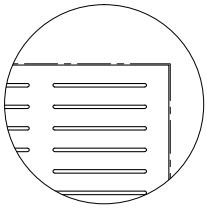
**Code: M30**
RD1029
Hole Size: 10mm
Hole Centre: 16mm
Pattern: Diamond
Open Area 28.9%



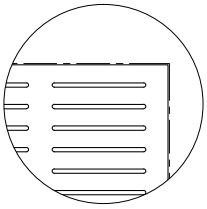
**Code: M31**
RD10007
Hole Size: 10mm
Hole Centre: 32mm
Pattern: Diamond
Open Area: 7.2%



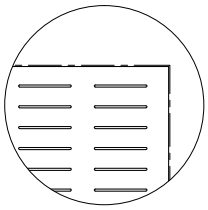
**Code: M32**
LG5009
Hole Size: 5 x 218mm
Hole Centre: 50mm
Pattern: 2 Columns
Open Area: 9%



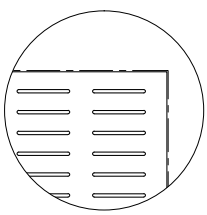
**Code: M33**
LG8015
Hole Size: 8 x 218mm
Hole Centre: 50mm
Pattern: 2 Columns
Open Area: 14.3%



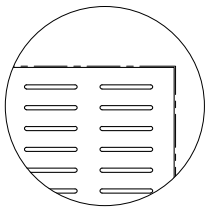
**Code: M34**
LG10018
Hole Size: 10 x 218mm
Hole Centre: 50mm
Pattern: 2 Columns
Open Area: 17.9%



**Code: M35**
LG5008
Hole Size: 5 x 127mm
Hole Centre: 50mm
Pattern: 3 Columns
Open Area: 8.5%



**Code: M36**
LG8014
Hole Size: 8 x 127mm
Hole Centre: 50mm
Pattern: 3 Columns
Open Area: 13.6%



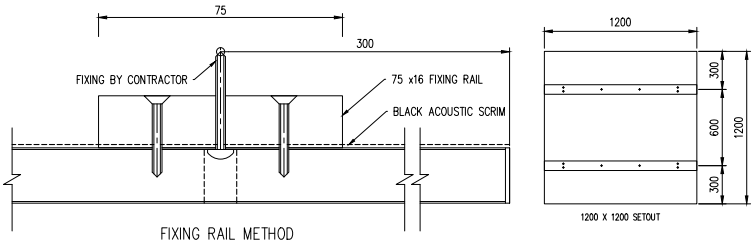
**Code: M37**
LG10017
Hole Size: 10 x 127mm
Hole Centre: 50mm
Pattern: 3 Columns
Open Area: 17%

Armstrong®
CEILING SOLUTIONS

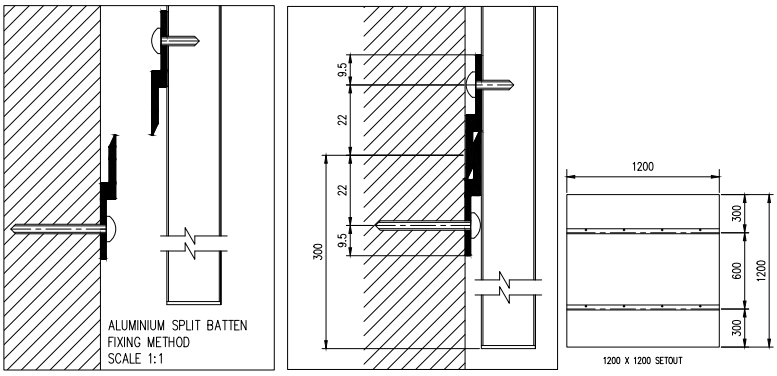
## INSTALLATION

**Method 1: Face Or Rear Fixing:** Panels to be screw fixed through panel face direct to structural wall or ceiling members (furring channel etc).

**Method 2: Fixing Rails:** Panels have pre-fitted fixing rails, which enable concealed installation to walls and ceiling




**Method 3: Split Battens:** Panels are attached to walls using a predetermined arrangement of Aluminium Split Battens.




**Note:** refer WOODWORKS Large Panel For walls and Ceilings Installation Guide

## SPECIFICATION

**Specification**:
Armstrong WOODWORKS Large Panels

**Panel Material:**
Moisture Resistant MDF

**Surface Finish:**
Laminate or Veneer options (see page 2)
**Note:** Variation among panels may occur due to the natural characteristics of the wood and grain

**Perforation Patterns:**
Refer to page 3 for Pattern ID. Other patterns on request

**Edge Detail / Fixing Method: Either:**

1. Plain Edge Board for Face Fixing or Rear Fixing to Wall or Ceiling
2. Express 6 Edge for a) Split Batten for wall application or b) Fixing Rail for either ceiling or wall application
3. Express 10 Edge for a) Split Batten for wall application or b) Fixing Rail for either ceiling or wall application

**Acoustic Performance:**
NRC up to 0.50* with standard Black acoustic fleece

**Typical Module Sizes:**
2400x1200x17mm, 2400x600x17mm, 1200x1200x17mm.

**System Weight:**
17mm Board: 14kg/m$^2$

**Item Numbers:**
Item numbers have four elements:

EXAMPLE: **WLPE64** **M26** **HP** **(L) (V)**

**WoodWorks Large Panel:** Express 6 Edge, 2400x1200mm

**Perforation Code:** RD5007 perforation pattern = 5mm hole @ 16mm centres in a diamond pattern, with 7.2% open area

**Finish:** Hoop Pine Rotary Cut

**Material:** Laminate or Veneer

## CONTACT

**NSW/ACT**
Armstrong Ceiling Solutions (Australia) Pty Ltd
Telephone (02) 9748 1588

**VIC/TAS**
Armstrong Ceiling Solutions (Australia) Pty Ltd
Telephone (03) 8706 4000

**QLD/NT**
Armstrong Ceiling Solutions (Australia) Pty Ltd
Telephone (07) 3809 5565

**SA**
Total Building Systems Pty. Ltd.
Telephone (08) 7325 7555

**WA**
Ceiling Manufacturers of Australia Pty. Ltd.
Telephone 08) 9271 0777

**New Zealand**
Forman Building Systems Ltd.
Telephone 64-9-276 4000

**www.armstrongceilings.com.au**
**Email: scentre@armstrongceilings.com**

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MEMBER 2017-2018

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