

## WoodWorks™ Lay In and Vector

**DO NOT REMOVE PRODUCT FROM THE CARTON UNTIL YOU HAVE READ THESE INSTRUCTIONS IN THEIR ENTIRETY.**

### 1. GENERAL

#### 1.1 Product Description

WOODWORKS Lay In and Vector ceilings consist of perforated and unperforated, 600 X 600, 300 x 1200 and 600 X 1200 panels designed to be installed on Armstrong Peakform Prelude 24mm wide T-Bar suspension system.

#### 1.2 Surface Finish

All wood panels are made from MDF MR and bonded between two layers of wood veneer or Melamine, with a clear lacquer finish.

All exposed edges are banded with the same finish as the face.

#### 1.3 Storage and Handling

The ceiling components shall be stored in a dust-free and dry interior location and shall remain in crates prior to installation to avoid damage. The crates shall be stored in a flat, horizontal position. The protectors between panels should not be removed until installation. Proper care should be taken when handling to avoid damage and soiling. It is important to ensure that the panels are not subjected to any mechanical influences, such as damage caused by the underlying surface.

Panels must not be exposed to extreme temperatures, for example, close to a heating source or near a window where there is direct sunlight. The installation company is responsible for the careful storage of panels.

#### 1.4 HVAC Design & Operation

Proper design for both supply air and return air, maintenance of the HVAC filters and building interior space are essential to minimize soiling. Before starting the HVAC system, make sure supply air is properly filtered and the building interior is free of construction dust.

#### 1.5 Site Conditions: Temperature & Humidity during Installation

Armstrong WOODWORKS ceilings are interior finishes and conditions during the installation should reflect this. Armstrong Ceilings recommends during installation that

relative humidity should not exceed 99%, within a temperature range of 0° to 49° C and with the absence of any "standing water". Conditions following completion should be maintained as such, including proper ventilation of the plenum in high moisture areas and all windows and doors should remain in place.

Because of the risk of soiling, the installation of ceiling tiles should only take place after the completion of any work generating large amounts of dust. The wearing of clean gloves is recommended for installation work. The ceiling installer is responsible for the satisfactory installation of the ceiling and adherence to industry best practice and in accordance with AS/NZS2785:2000

#### 1.6 Veneer

WOODWORKS panels are available with a variety of real wood veneers. Natural variations in colour and grain are characteristic of wood products. To maximize visual consistency, panels should be unpacked and examined collectively to determine the most desirable arrangement for installation.

### 2. PANEL EDGES

#### 2.1 General

The edges of the Tegular panels feature 3mm thick splines which support the panel on the grid flanges.

### 3. SUSPENSION SYSTEM

#### 3.1 General

The suspension system shall be Armstrong Peakform Prelude 24mm exposed tee grid.

#### 3.2 Suspension Grid

Armstrong WoodWorks Large Panels for Ceilings and Walls shall be installed on Armstrong Drywall Grid (DGS), which is a Pre-Engineered Suspension and Framing System.

**3.2.1** The suspension system for 600 x 1200 panels shall consist of main beams installed at 600mm centres with suspension points at 900mm centres. The 600mm cross tees shall intersect the main beams at 90° every 1200mm.

**3.2.2** In all cases, hangers shall be spaced not more than 900mm on centre along the length of the main beams.

## 4. INSTALLATION

### 4.1 Cutting the Panel

Cut the panel using standard woodworking tools and techniques, and where possible, use a straight edge. A table saw is recommended for straight cuts and a band saw for curved cuts. In both cases, panels should be cut face up to minimize chipping of the face veneer.

Fine-toothed blades are recommended for finish cuts and will yield the best results.

### 4.2 Cutting the Border Panel

A router can be used to cut a Tegular edge on border panels, or a straight cut-off is possible if Border Clips (Item BP6044) are used to support the cut edge of perimeter panels. One Border Clip is required for each 300mm of panel edge (i.e., one clip for edges up to 300mm long and 2 clips for edges greater than 600mm up to 1200mm).

Border Clips (Item BP6044) can be ordered separately.

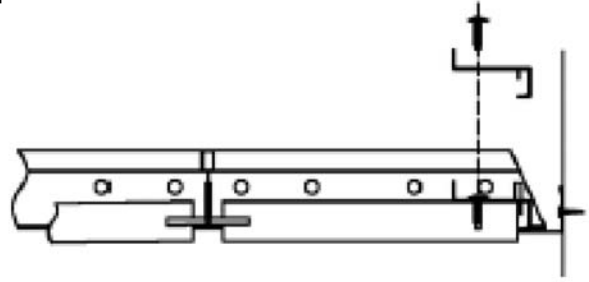
**CAUTION! WOOD DUST.** Sawing, sanding, and machining wood products can produce dust. Airborne wood dust can cause respiratory, eye, and skin irritation.

Precautionary measures: If power tools are used, they should be equipped with a dust collector. If high dust levels are encountered, use an appropriate NIOSH-designed dust mask.

Avoid dust contact with eyes and skin. First Aid Measure in case of irritation: Flush eyes or skin with water for at least 15 minutes.

### 4.3 Attach Border Clips

Apply WOODWORKS Tegular Border Clips to the cut edge of the panel as shown. Use one #8 x 12mm screw in each clip.



A minimum of two Tegular Border Clips (Item BP6044) to be screw fixed to each cut panel.

### 4.4 Treating Exposed Edges

Cut panel edges that are exposed to view will have to be treated to look like factory edges. Prefinished peel-and-stick edge banding is available for this purpose. Cut edge must be clean and smooth before applying edge banding.

## 5. CLEANING RECOMMENDATIONS

WOODWORKS Tegular panels can be cleaned with a soft, dry cloth.

## MORE INFORMATION

For complete technical information, detail drawings, CAD design assistance, installation information and many other technical services, call your local Armstrong Ceilings representative.

For the latest product selection and specification data, visit [armstrongceilings.com.au](http://armstrongceilings.com.au)

## Contact us

### NSW/ACT

Armstrong Ceiling Solutions (Australia) Pty. Ltd.  
Unit 4, 1 Basalt Road, Pemulwuy NSW 2145  
Telephone (02) 9748 1588

### VIC/TAS

Armstrong Ceiling Solutions (Australia) Pty. Ltd.  
Unit 1, 88 Henderson Road, Rowville VIC 3178  
Telephone (03) 8706 4000

### QLD / NT

Armstrong Ceiling Solutions (Australia) Pty. Ltd.  
6 Barrinia Street, Slacks Creek QLD 4127  
Telephone (07) 3809 5565

### SA

Total Building Systems Pty. Ltd.  
160 Grand Junction Road, Blair Athol SA 5084  
Telephone (08) 7325 7555

### WA

Ceiling Manufacturers of Australia Pty. Ltd.  
3 Irvine Street, Bayswater WA 6053  
Telephone (08) 9271 0777

### New Zealand

Forman Building Systems Ltd.  
27B Smales Road, East Tamaki, Auckland 2013  
Telephone 64-9-276 4000

  
CEILING SOLUTIONS