

## WoodWorks and WoodWorks FR Lay In

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

### 1. GENERAL

#### 1.1 Product Description

WoodWorks and WoodWorks FR Lay In 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 MR MDF or FRMR MDF 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 minimise 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.

#### 1.6 Veneer

WOODWORKS panels are available in a variety of Natural Timber Veneer (NTV) finishes. Variations in colour and grain are a typical characteristic of natural 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

Lay In panels come in three standard edge profiles Square (SQ), Tegular (TG) and Vector (VC) edge.

### 3. SUSPENSION SYSTEM

#### 3.1 General

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

#### 3.2 Suspension Grid

The grid systems shall be designed and chosen to accommodate all expected ceiling loads in accordance with AS/NZS 2785:2020.

Further grid selection guidance can also be found in "Peakform Prelude 24 Suspension System" data sheet.

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

Border panels can be cut as described in section 4.1 to the required width, length and angles to suit ceiling area layouts. If cutting Tegular or Vector edge panels, profiled MDF strips should be removed before cutting.

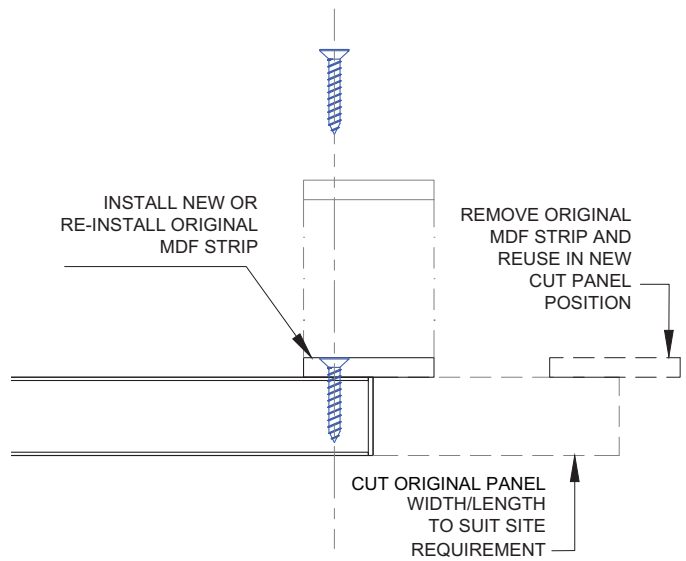
**CAUTION! WOOD DUST.** Sawing, sanding, and machining wood products can produce dust. Airborne wood dust can cause respiratory, eye, and skin irritation.

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 Supporting of Border Panels

All border panels shall be sitting on wall angles and satisfy project Seismic design requirements. If shadowline border is required contact Armstrong Ceiling Solutions for details.



### 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 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)

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