



Rapid install ceiling with concealed suspension delivers vast sweeping areas of uninterrupted wood finishes.

## Product Overview

Suspended Ceiling Panels are panels that can be either perforated and acoustically absorbent or un-perforated and reflective. Designed for both functionality and aesthetics, these panels are individually removable, providing ultimate access to the plenum.

They are engineered for installation on a conventional Armstrong Prelude® 15/16" wide T-bar suspension system, utilizing T-bar hooks attached to the panels for secure placement. All panels can be easily removed and reinstalled as needed.

Each panel is fastened to the grid system using metal suspension clips that are mechanically secured into precision-machined pilot holes. For added safety, panels are equipped with safety cables to prevent falling in the event of a system failure.

## Available Panel Sizes:

- 24" x 48"
- 24" x 72"
- 24" x 96"

**Panels, clips, screws, and safety cables are sold separately.**

For cloud or non-continuous installations, Suspended Ceiling Concealed Return Trim is available. This 6" high return trim can be supplied painted black or veneered to match the panels for a seamless aesthetic.

## Packaging

- Panels are bulk packaged for each project.
- T-Bar Hooks (item 5986) are packages 50 pieces per carton.

4 Hooks	2' x4 panel
6 Hooks	2' x 6' panel
8 Hooks	2' x 8' panel

- Wood Screws (item 7123) are packaged 300 pieces per carton. These are serrated thread screws specially designed for use in MDF board. Three screws are required for each book.
- 24" Safety Cables (item 6091) are packaged 50 pieces per carton. Two cables are required for each panel.
- 12' Support Hangers (item SH12) are packaged 12 pieces per carton.
- Nominal 6" x 10" Concealed Trim (item 6603w1) is packaged 6 pieces per carton.
- T-bar connector clips (item FXTBC) are packaged 10 pieces per carton.

## Surface Finish

All Suspended Ceiling Panels are constructed of lightweight MDF substrate faced with class 'A' Fire rated wood veneer finish. All exposed edges are banded with the matching edging.

## Storage And Handling

Ceiling components should be stored in a dry, interior location, kept in their cartons or crates until installation to prevent damage. Store cartons flat and in a horizontal position. Do not remove the protective layers between panels until installation. Handle with care to avoid damage and soiling.

Storage conditions: Avoid unconditioned spaces with humidity exceeding 55% or dropping below 25% RH. Maintain temperatures between 50°F and 86°F. Keep panels away from extreme heat sources or direct sunlight to prevent warping or deterioration.

## Site Conditions

Suspended ceiling panels and veneer-wrapped trim should be permitted to reach room temperature and have stabilized moisture content for a minimum of 72 hours before installation. (Remove plastic wrap to allow panels to acclimatize.) They should not, however, be installed in spaces where the temperature or humidity conditions vary greatly from the temperatures and conditions that will be normal in the occupied space.

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 air supply is properly filtered and the building interior is free of construction dust.

### Temperature & Humidity During Installation

Suspended ceiling panels shall be installed in temperature conditions between 50°F (10°C) and 86°F (30°C), in spaces where the building is enclosed, and HVAC systems are functioning and will remain in continuous operation. Relative humidity shall not fall below 25% or exceed 55%. Proper ventilation of the plenum is required in high-moisture areas.

All plastering, concrete, terrazzo, or any other wet work must be completely dry. Windows and doors shall be in place. The heating, ventilation, and air-conditioning system must be installed and operable as needed to maintain proper temperature before, during, and after panel installation.

### Color

Suspended ceiling panels are made with a variety of real wood veneers. Natural variations in color 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. Where consistency is critical, we can offer custom solutions to meet your budget and aesthetic requirements.

Consult the Hardwood Plywood and Veneer Association (HPVA) for additional information on veneers and veneer grades.

### Installation Considerations

Concealed panels hang below the suspension system to which they are attached. The face of the installed panels will be nominally 3" below the face of the suspension system from which they are supported. The plenum may be visible through the 1/4" panel reveal.

The use of large wood panels may result in deflection up to 1/8" and alignment inconsistencies due to panel size and ambient conditions. Mixing different panel sizes with slotted perforations is not recommended, as perforation borders will not align.