



# CRAFT CEILING AND WALL

## Installation Guidelines

These guidelines are intended to support successful installation of engineered hardwood cladding for wall and ceiling applications. This document consolidates current technical guidance and best practices and is intended for sales teams, installers, and project partners. Always defer to local building codes and professional installer judgment.

### ✓ Approved Applications

- Interior wall and Ceiling Cladding
- Not approved for exterior or wet-area exposure

### ✓ Site Conditions & Acclimation

- Minimum site temperature: 22°C (72°F) for at least a week before installation
- Relative humidity: 30-50%
- Material must acclimate on site for a minimum of 48 hours
- Moisture content should be similar to plywood sheathing
- Open and work from a minimum of four boxes at a time to ensure natural colour variation
- Do not tape protection or coverings directly to the wall or ceiling material

### ✓ Fasteners

- Recommended fasteners: 1½" 18-gauge cleats or 18-gauge narrow crown staples
- Minimum of two fasteners per board, including boards as short as 12"
- Nailing schedule:
  - Every 6" along the length of the board
  - 2-3" from each end joint

### ✓ Adhesive Requirements

- Adhesive application: three parallel ¼" wide lines
- Outer adhesive lines positioned 1"-1½" from board edges
- Approximate adhesive quantity: ¼" bead per line
- A continuous S-pattern bead across the back of the board

### ✓ Approved Adhesives

- STAUF: PUM955, SMP925, M400
- Bona: Bona Vertical, Bona Quantum
- Mapei: Ultrabond Eco 907

- ✔ **Recommended Installation Method**
  - Install underlayment-grade plywood to framing per local building codes.
  - Apply approved adhesive to the back of each board using the specified pattern.
  - Fasten boards to the plywood using 1½" 18-gauge cleats.
  - Drive fasteners at an angle just above the tongue.
  - Adjust air pressure on pneumatic nailer as needed to ensure fasteners are properly seated.
  
- ✔ **Layout & Installation Notes**
  - Ceiling installations require verification of load-bearing capacity and fastening schedule compliance.
  - Installer should confirm compatibility with lighting, HVAC penetrations, and access panels.
  - For ceilings, installers should work in smaller sections to maintain consistent board engagement.
  - Always follow adhesive manufacturer cure times and ventilation requirements.
  - Not recommended over radiant heat ceilings unless approved in writing.
  
- ✔ **Critical Considerations & Best Practices**
  - Install underlayment-grade plywood to framing per local building codes.
  - Apply approved adhesive to the back of each board using the specified pattern.
  - Fasten boards to the plywood using 1½" 18-gauge cleats.
  - Drive fasteners at an angle just above the tongue.
  - Adjust air pressure on pneumatic nailer as needed to ensure fasteners are properly seated.
  
- ✔ **Warrenty & Disclaimer**
  - These guidelines are provided as a general reference. Final installation responsibility lies with the installer. CRAFT / UrbanWood assumes no liability for installation failure due to improper site conditions, substrate preparation, or deviation from these guidelines or local building codes.