

Wood Panel Material Data Sheet

Material Overview

Andalusia's wood panel products and systems are fabricated using a high-grade MDF core and a rotary cut Maple whole piece veneer face. Commonly specified this wood panel construction offers a balance of strength, stability, and visual quality for architectural interiors. Ideal for CNC fabrication, edge detailing, and clean finishing, these panels are used in ceiling systems, wall panels, and feature elements.

Technical Data

- Veneer Material: Rotary cut Maple whole piece veneer
- Core: Ranger board MDF
- Veneer Thickness: ~0.6mm (maple)
- Panel Thickness: 3/4" (19mm) standard; custom thicknesses available
- Panel Dimensions: Custom sizes available
- Weight: 3.1 to 3.4 lbs/sf depending on configuration
- Surface Finish: Stain, or paint (water-based, low-VOC) with a clear-coat finish
- Applications: Ceiling slats, panels, feature walls, and custom furniture-grade elements

Finishing System

Andalusia offers a variety of standard stain options. Panels are finished in-house using Andalusia's low-VOC, water-based system. All finishes are applied and sealed for commercial durability and fire performance.

Sustainability

Sourced from sustainably managed forests
Available with FSC® certification upon request
Formaldehyde-free (NAF) glue options
Water-based finishing system is non-VOC and indoor air quality compliant
Contributes to LEED credits under MR and EQ categories

Note: Other plywood solutions are available based on application.

For questions, please contact us at hello@andalusia.design or visit our website at andalusia.design.