

# MDF Material Data Sheet

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## Material Overview

Andalusia's MDF products and systems are fabricated using Ranger Board, a premium, furniture-grade medium-density fiberboard (MDF) known for its smooth surface and excellent machining properties. Ranger Board MDF is ideal for precision CNC routing and finishing, making it a versatile solution for ceiling, wall, and custom architectural applications. It is manufactured using sustainable practices and provides a stable, uniform substrate for commercial interiors.

## Technical Data

- Material: Ranger Board MDF (medium-density fiberboard)
- Thickness: 3/4" (19mm) standard; custom thicknesses available
- Fire Rating: ASTM E84 Class A or B (with Andalusia finish system)
- Panel Dimensions: Varies by product
- Weight: ~2.7 lbs/sf (13.2 kg/m<sup>2</sup> for 3/4")
- Surface Finish: In-house sealed and top-coated with non-VOC, water-based paint
- Formaldehyde: CARB Phase 2 compliant / No Added Urea-Formaldehyde (NAUF) core available
- Applications: Coffered ceiling edges, feature panels, architectural millwork, and signage

## Finishing System

Andalusia offers a variety of standard color options. All MDF components are sealed and finished in-house using Andalusia's low-VOC, water-based paint system. This system enhances fire performance, surface durability, and color consistency. Finishes include solid colors, clear sealers, and specialty coatings upon request.

## Sustainability

Ranger Board MDF is manufactured with 100% pre-consumer recycled wood fiber.

CARB Phase 2 compliant / NAUF options available

Water-based, non-VOC finishing system

Contributes to LEED credits under MR and EQ categories

Note: Other MDF solutions are available based on application.

For questions, please contact us at [hello@andalusia.design](mailto:hello@andalusia.design) or visit our website at [andalusia.design](http://andalusia.design).