

# INTERIOR DOORS TECHNICAL SPECIFICATION



## Product Overview

Interior doors engineered with MDF front panels, solid wood or aluminum frame options, and solid wood core construction. Designed for durability, acoustics, and premium aesthetics, available in variable heights.

## 1. Door Structure

**Front Panels (Skins):** High-density MDF, precision-milled for smooth finishing and durability.

**Frame Options:**

- **Solid Wood Frame:** Moisture-resistant, treated hardwood.
- **Aluminum Frame:** Lightweight, corrosion-resistant architectural-grade aluminum profile.

**Core Type:** Solid wood core for structural stability, improved acoustic insulation, and premium feel.  
Section Construction: Multi-layer structure ensuring rigidity and dimensional stability.

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## 2. Dimensions

**Available Heights:**

Custom variable heights according to project requirements.

**Standard Thickness:**

Typically 40–45 mm (customizable upon request).

**Width Range:**

Standard and custom widths available.

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## 3. Finishes

**Surface Options:**

- Paint-ready MDF
- Lacquered finish (matte, satin, gloss)
- Veneered MDF (natural wood veneer)
- Laminated decorative surfaces (optional)

**Color Range:** Full RAL/NCS spectrum available.

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## 4. Hardware Compatibility

- **Compatible with concealed hinges, magnetic locks, soft-close systems, and premium handle sets.**
- **Reinforced frame anchoring points for long-term durability.**



## 5. Performance Characteristics

**Acoustic Performance:**  
Enhanced due to solid wood core.

**Durability:**  
High resistance to warping, impacts, and deformation.

**Stability:**  
Engineered structure designed to maintain shape in varying humidity conditions.

## 6. Installation

- Suitable for standard and flush-to-wall systems.
- Compatible with both masonry and drywall partitions.

## 8. Applications

- Residential developments
- Premium office interiors
- Hotels and hospitality environments
- Commercial and institutional projects

## 9. Certifications (Optional)

- FSC-certified wood components
- Fire-rated versions available upon request
- VOC-compliant finishes

