

Custom Architectural Doors

Construction, dimensions, finishes and compliance — genuine wood veneer

Core Construction

Our architectural doors are manufactured with a solid particleboard core, engineered for interior use. This construction provides a controlled density between 449 and 513 kg/m³, ensuring a good balance of lightness, dimensional stability and hardware retention. Assembly uses a Type I waterproof adhesive (PVA-based, urea-formaldehyde free), for improved moisture resistance and long-term durability.

Structure and Dimensions

Rails and Stiles	Composite wood (LSL), 3 1/8" (76 mm)
Solid Stiles	Solid wood, 1" (25 mm), at hardware fastening points
Overall Door Thickness	1 3/4" (44 mm)
Facing	Genuine wood veneer, 1/42", applied over a 1/8" high-density fiberboard panel for a stable, uniform surface

Available Finishes

- Clear varnish, staining, opaque paint or white primer
- Top and bottom edge sealing to limit moisture absorption
- Custom, matched stains available on request
- Optional fire-retardant treatment based on project requirements

Compliance

Our doors are manufactured in accordance with the standards of the Architectural Woodwork Manufacturers Association of Canada (AWMAC), ensuring an industry-recognized level of quality for architectural woodwork.

Environmental Commitment

- Regional sourcing of raw materials
- Use of low-emission materials
- Recovery and recycling of production waste

This data sheet is provided for reference only. Dimensions, species and finishes can be adjusted to your project's specifications — contact us for a detailed quote.