Canadian wood – A door to great interiors

Western hemlock **Douglas-fir**

A door mirrors everything that's behind it. So a great interior theme starts with a great door. A good door design, classic or contemporary is sure to welcome visitors in style. Even in modern times, a solid wood door is always the first choice of architects and designers due to wood's inherent properties.

When it comes to Canadian wood species, they have versatile door applications. They are great for interior doors or even for exteriors. Performance and appearance of the wood is of prime importance to manufacturers. And wood from British Columbia (B.C) is an ideal choice for solid wood and flush doors. Four B.C. species namely, western red cedar, yellow cedar, Douglas-fir and western hemlock meet the requirements of demanding customers as well as manufacturers in India and are well suited for interior and exterior doors (as well as windows).
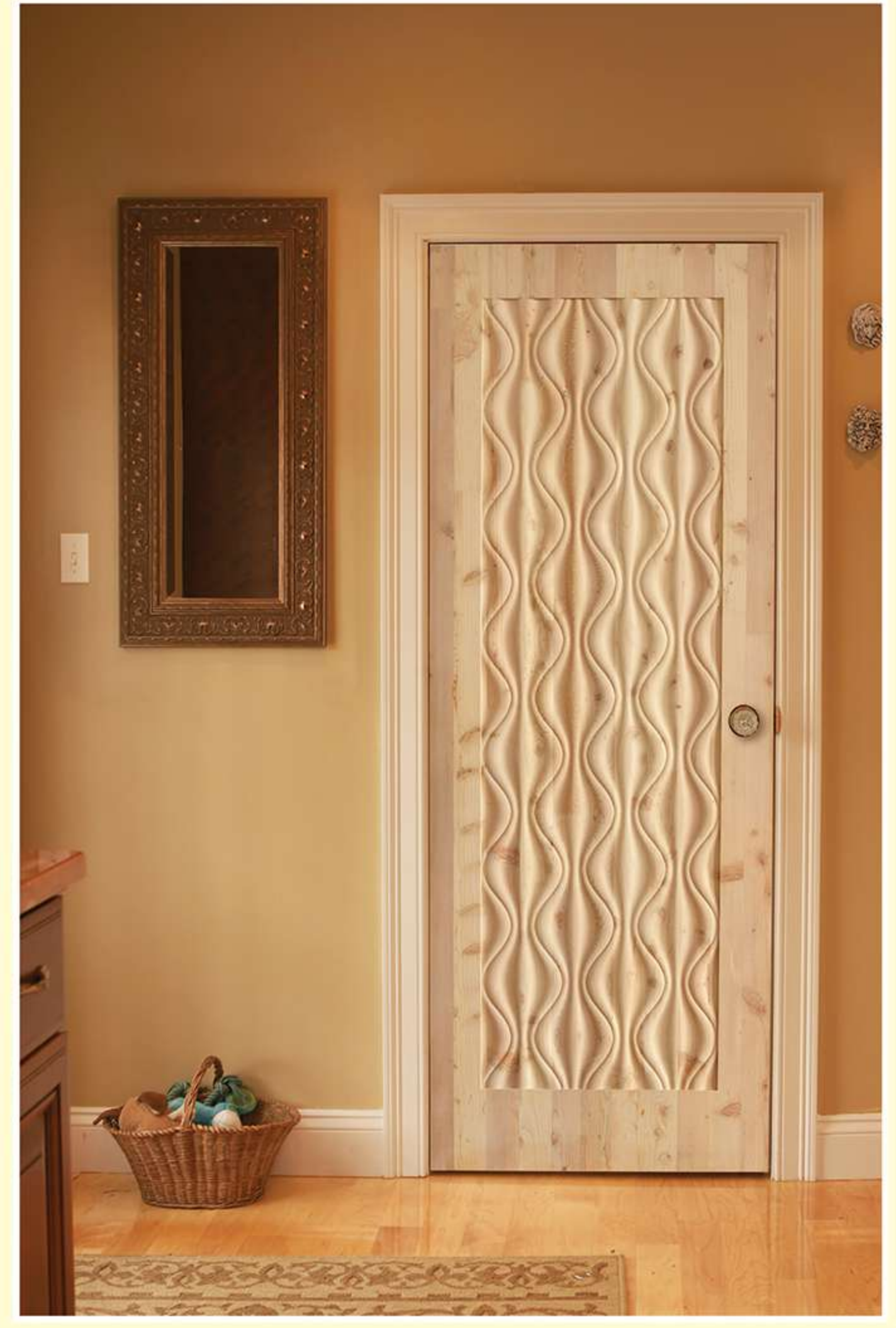
Elegant and design versatility of interior doors with Canadian wood species

Why wood remains a timeless material for door

- Wood because of its natural composition, is a poor conductor of heat, acting as an effective insulator.
- In winter, it does not allow warm air to escape the space. In summer it keeps the indoor environment comfortable by not allowing outside harsh heat to enter the space..
- Provides adequate sound proofing.

Why Western hemlock and Douglas-fir are the ultimate choice for interior door applications

Western hemlock and Douglas-fir offer great properties for interior doors, allowing architects and designers choice of designs and finish. Here's why:
- Western hemlock is known for its **tight grain and is a stable species.** As a result it reduces chance of warping and allows for superior coating and ultimately better performance. It planes, shapes, and sands to a lustrous finish. It's a good choice for internal doors.
- Douglas-fir has excellent strength, workability, and screw and nail holding properties, which **makes this species ideal for solid doors and frames.**

Variety of textures and finish

- Additionally, FJEG (Finger Jointed Edged Glued) Boards made with western hemlock are also a good choice for door frames. Engineered wood products are designed to maximize the natural strength and characteristics of wood. These products are dimensionally stable, offe great structural strength and at the same time work as sustainable and cost-effective solutions too.
- Canadian wood species are mature and provide excellent dimensional stability

- They have a low T/R (tangential to radial shrinkage ratio), making them less prone to shrinkage and swelling while in use.
- Both wood species have low to moderate density values, hence easy to face laminate, thereby allowing manufacturing of warp-free engineered large or small cross-sectional door elements.
- They can be coated or painted to a clear finish adding elegance to the overall home or office décor.

Why Western hemlock for FJEG boards

The use of western hemlock for making FJEG boards has been well received by the furniture and interiors industry particularly door jambs and frame manufacturers because of the following key reasons:
- Western hemlock FJEG boards eliminate natural defects that are present in lumber, thereby giving a clean, knot-free appearance to door jambs.
- Attractive and pleasant natural colour.
- Can be polished or stained to any desired colour.
- Excellent boring, carving, glueing and machining properties with fine smooth surface and finish.
- Western hemlock FJEG boards are ready-to-use and enable faster conversion to products.
- The evolving consciousness of the end-users and wood working professionals around use of timber that is sustainably sourced further acts as a pull towards legally harvested Canadian wood species like western hemlock.
- Many trials of western hemlock FJEG boards for door frames have been successfully conducted. Canadian Wood offers technical support and hand-holding for its partners free of cost.
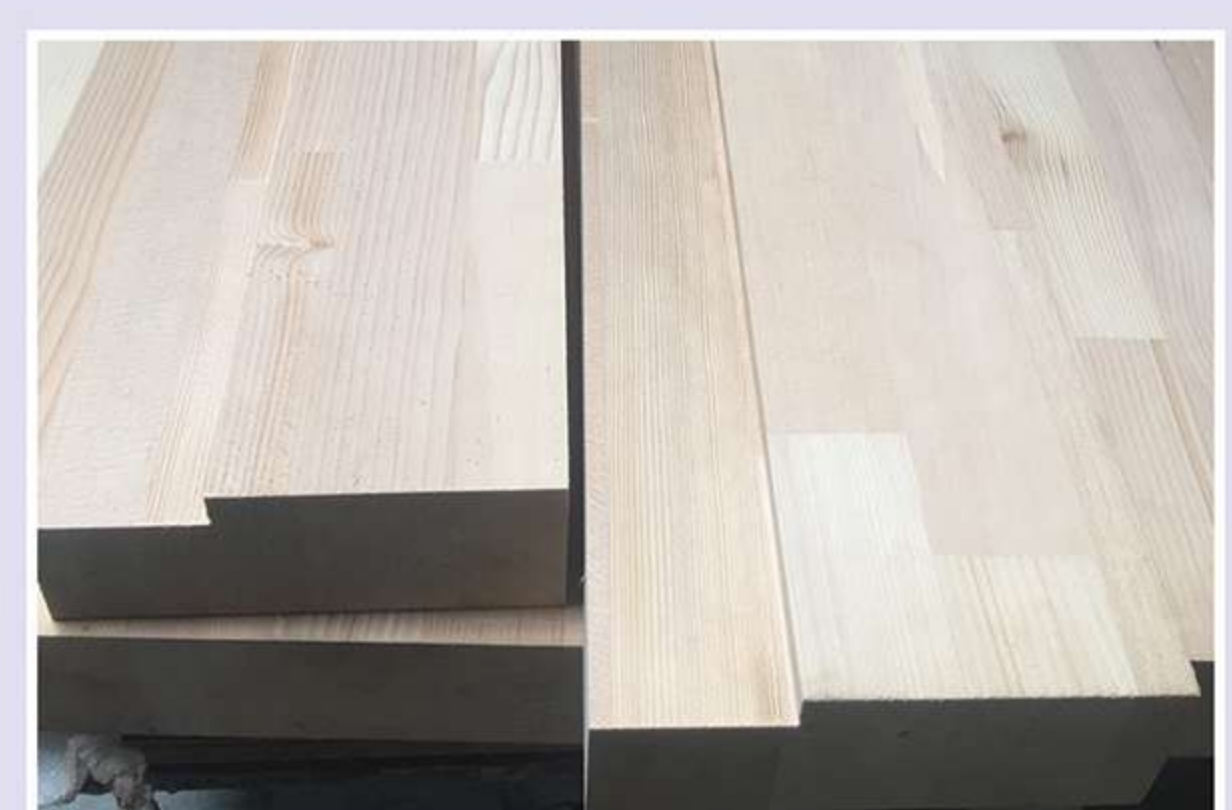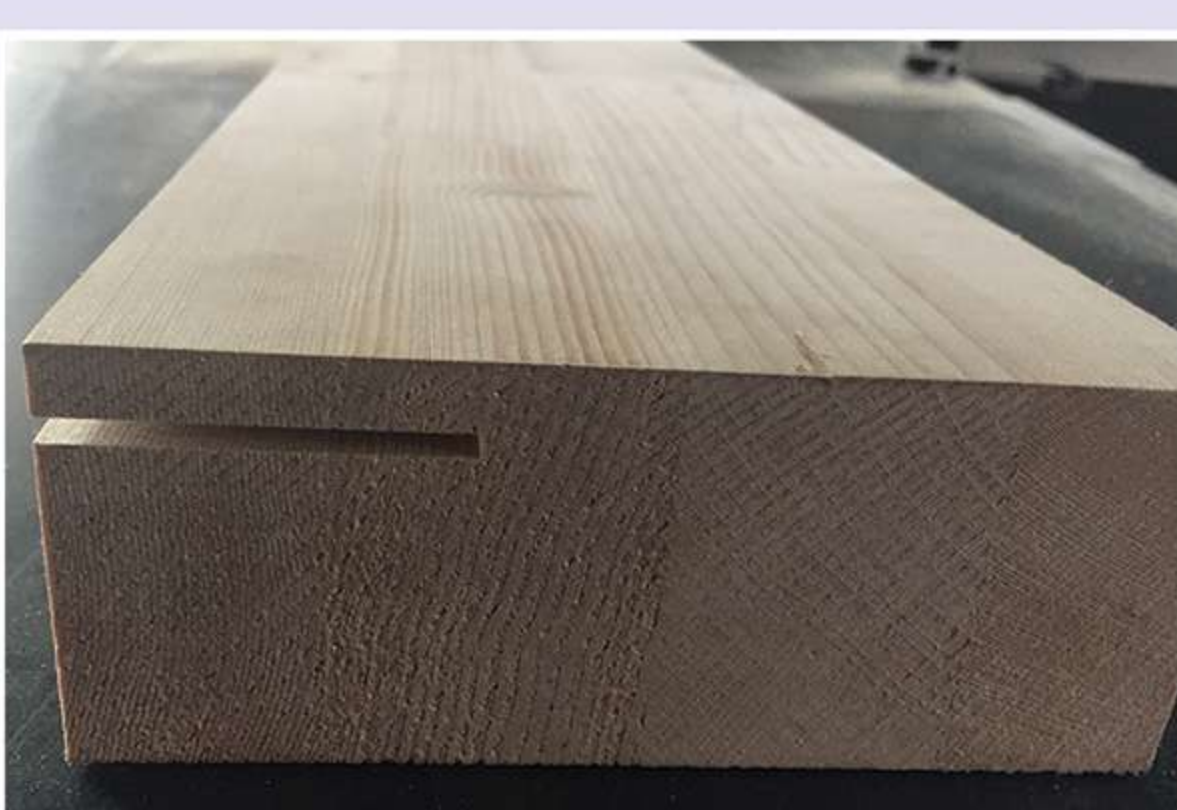
STAY TUNED

For our upcoming seminars & webinars