



## Elevate the look of your home or office with exquisite Canadian wood doors that are sure to leave a lasting impression



The doors of a house play a crucial role in defining its character. The appearance and decoration of a home or office's doors always make a lasting impression on visitors. When designing your home or office, there are countless options to choose from for both the main entrance doors and interior doors. For manufacturers, the performance and appearance of the wood used in the doors is of paramount importance. Certified wood from sustainably managed forests in British Columbia (B.C) is an excellent choice for solid wood and flush doors, given its quality and eco-friendliness.

Four B. C. species namely, Western red cedar, Yellow cedar, Douglas-fir and western hemlock meet the demands of discerning customers as well as manufacturers in India and are well suited for interior and exterior doors (as well as windows).



### Why architects prefer wooden doors?

Wood 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 does not allow outside harsh heat to enter the space.

Provides adequate sound proofing



## Each Canadian wood species has some unique properties, giving manufacturers a choice for door applications:



- Western hemlock is known for its **tight grain and is a stable species**. It's a good choice for internal doors.
- Yellow cedar is known for its excellent working properties and **exceptional longevity**. Hence it is used for external doors

- Douglas fir has excellent strength and workability which **make this species ideal for solid doors and door frames**.
- Western red cedar has **natural resistance to termite, rot and decay** making it an ideal choice for exterior doors, which are exposed to external harsh climate.



### B.C., species – door friendly

- Are durable and provide excellent dimensional stability.
- Have optimum T/R (tangential to radial shrinkage ratio), resulting in less shrinking and swelling.
- All four wood species have low to moderate density values hence:
  - easy to face laminate
  - edge glue and/or finger joint, thereby allowing manufacturing of warp-free door elements.
- Easy to finish using paint or polish to desired colour.
- Variety of door applications:
  - Interior, exterior, commercial, pre-hung or panoramic doors
  - Door frames and door jambs
  - Finger jointed edged glued (FJEG) door frames

## Canadian wood FJEG – new age raw material for the door industry



- FJEG (Finger Jointed Edged Glued) Boards made with western hemlock are engineered wood products designed to maximize the natural strength and characteristics of wood. These products are dimensionally stable, offer great structural strength and at the same time work as sustainable and cost-effective solutions too
- Ready-to-use and faster conversion to products.
- Canadian wood species are sustainably sourced and legally harvested
- Canadian Wood offers technical support and handholding for its partners



## Western hemlock – ideal for FJEG boards

The use of western hemlock for making FJEG boards has been well received by door manufacturers for the following key reasons:

- Eliminates 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, gluing and machining properties with fine smooth surface and finish



[For details about Western hemlock click here](#)

## Canadian Wood and SVCA, Hyderabad host 'Wood is Good' Inter college Design Competition on World Earth Day, 23<sup>rd</sup> April, 2024



Canadian Wood, in collaboration with Sri Venkateshwara College of Architecture (SVCA) in Hyderabad, hosted the 'Wood is Good' Intercollege Design Competition. The event brought together students and faculty members from eight renowned architecture colleges in Hyderabad.



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