



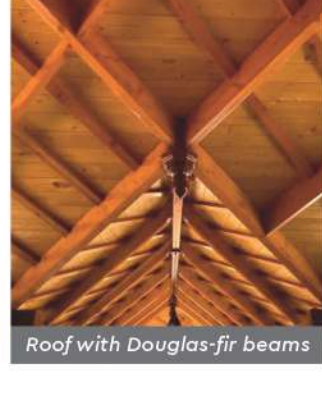
Douglas-fir tree

## Douglas-fir: the Canadian wood species with the widest applications

If there is one Canadian wood species with many applications, it's Douglas-fir. From furniture to doors, door frames, windows and structural (post & beam to mass timber) applications to even mill work, vat, veneer and ship and boat construction, it is considered to be the best-in-class wood.



Lumber



Roof with Douglas-fir beams

### DID YOU KNOW

- > B.C., Douglas-fir is a large tree reaching a height of about 85 metres
- > It has two times the tensile strength-to-weight ratio relative to steel and greater compressive strength than concrete.
- > Better than traditional timbers: High strength and stiffness of laminated timbers enables glulam beams and arches to span large distances without intermediate columns, allowing more design flexibility than conventional timber construction.
- > It is available in large dimensions
- > It is lightweight and easy to handle



Dining table



Designer chair



Dining table and chair



Interior fitouts

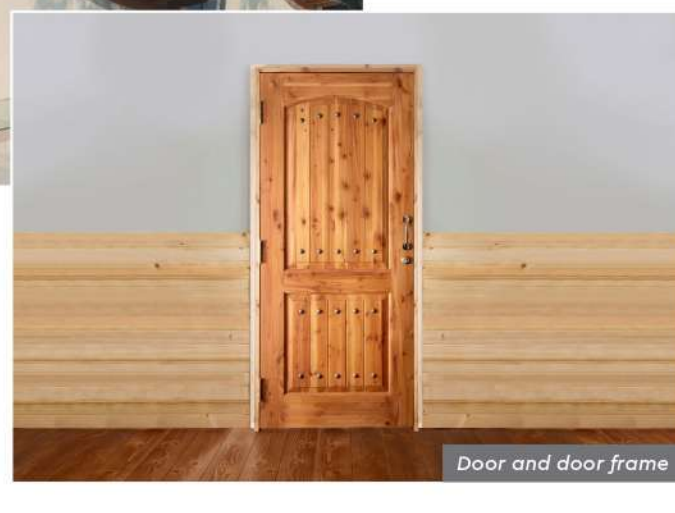
## Douglas-fir: A combination of beauty and strength



Structural - Glulam beams

It positively scores over popular hardwood species like teak due to its following properties:

- ⊕ Stiffness
- ⊕ Treatability
- ⊕ Turning and Mortising
- ⊕ Can be shaped, planed and sanded very well



Door and door frame



Bar table and chairs



Sofa

- ⊕ Its superior workability enables beautifully carved products
- ⊕ Douglas-fir joinery exhibits great longevity due to its superior nail and screw holding capacity, adhesion and resistance to splitting



Structural usage - Post & Beam



Door and door frame



Indoor furniture in a restaurant

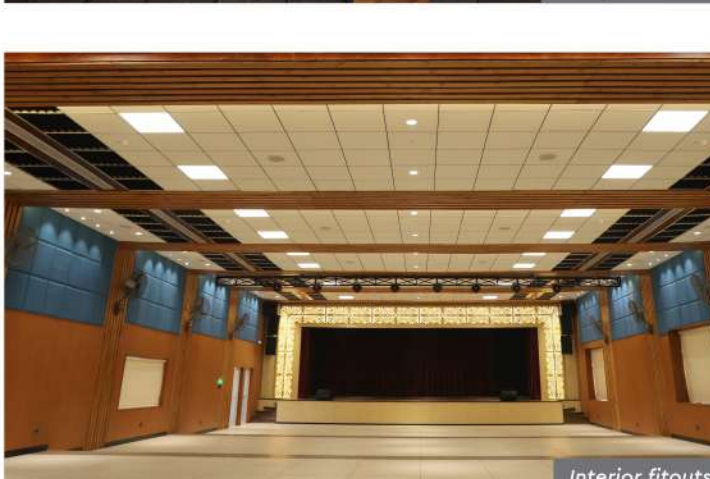
- ⊕ Offers a range of staining and finishing options
- ⊕ It is cost-effective and is inexpensive as compared to old-growth teak and comparable in cost to imported plantation teak

## The species with widest applications:

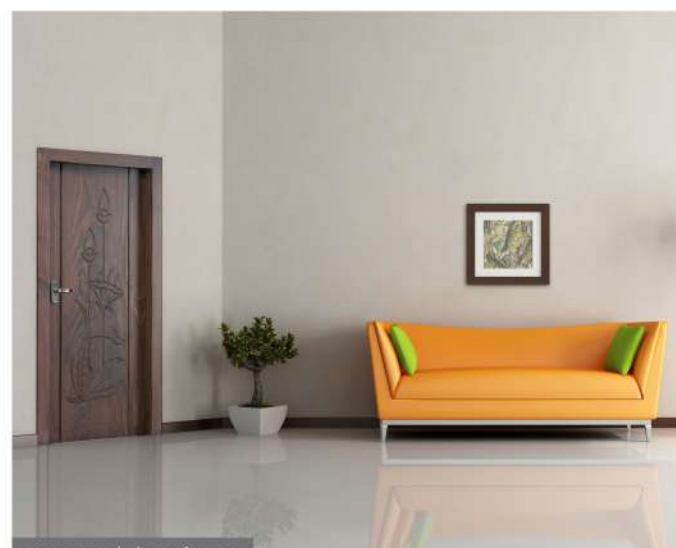
- Flush doors, solid doors, door frames and windows – due to its excellent dimensional stability and low T/R ratio (tangential to radial shrinkage ratio)
- For structural applications - used for post & beam and glue-laminated beams (glulam)
- For indoor furniture - has straight and closed grain enabling fine finish and ability to take any stain.
- For millwork including mouldings, trim and architectural decorative features



Designer bench



Interior fitouts



Door and door frame



House made with Douglas-fir Post & Beam

[For details about Douglas-fir, click here](#)



Canadian Wood, hosted an insightful seminar, titled 'Wood, Design and Architecture', in Bengaluru, on January 17, 2024

[For details about the seminar, click here](#)

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