Canadian Wood
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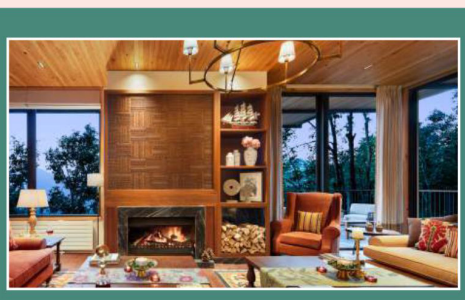
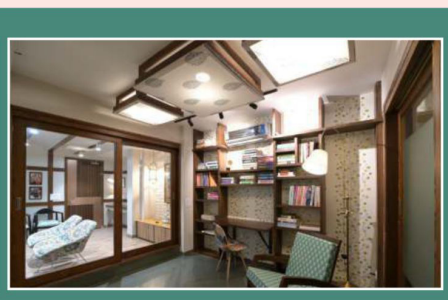
Canadian Wood - A perfect match for interior fitouts and millwork

When it comes to interior fitouts, architects' and interior designers' preferred choice is wood. Besides the touch of aesthetic that it brings to the space, wood can be made to look glossy, polished or finished while offering all other functional benefits desired. And here, Canadian wood species tick the right boxes for architects and designers alike.


Wood interior applications - mouldings, trim, panelling, ceiling, doors and door jambs and architectural or decorative features.

Desired properties in wood species for interior applications

- To facilitate easy processing of wood through a planer or moulder with minimal machining defects, the species should have a straight grain, be available in long lengths and have minimal knots.
- The wood should have good coating adherence.
- Designers and millworking manufacturers also look for both appearance and workability of wood

Douglas-fir and Western hemlock - Ideal for wood interior design and millwork applications

Douglas-fir

Due to its straight grain and availability in long lengths with little to no knots, Douglas-fir is an excellent choice for millwork applications.

- Excellent strength and workability
- Good machining qualities (turns, planes and shapes well)
- Excellent screw holding and resistance to splitting
- Bonds well with a range of adhesives under a range of bonding conditions
- Excellent sanding, staining and painting properties

Western hemlock

Western hemlock is ideal for interior panelling and cladding to achieve a plush, rich look. Its straight grain is perfect for millwork applications. Western hemlock features a fine texture and a straight, uniform grain. This species is seasoned uniformly in dry kilns to improve its strength and stiffness, and to enhance its resistance to decay and insect attack. It offers a wide array of applications, ranging from mouldings and interior woodworking to general construction, roof decking and plywood. This wood species is primarily known for its even grain, which offers excellent machining properties.

- Good strength-to-weight ratio
- Excellent machining properties
- Good sanding, staining and painting properties
- Glues satisfactorily
- Turns, planes and shapes well
- Moderate nail and screw-holding ability
- Polishes beautifully

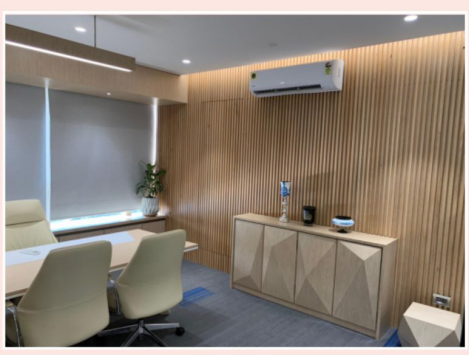


Douglas-fir and Western hemlock - unique properties

- Douglas-fir and Western hemlock have excellent milling properties when processed through planer or moulder. In fact, they are much easier to work than most tropical hardwoods.
- Both species allow clear coating. A clear coating can be applied to show their attractive grain pattern and colour.
- The two species offer suitably comparable strength and superior stiffness when compared to Teak in terms of their MOR (Modulus of Rupture) and MOE (Modulus of Elasticity) values respectively.

MOE= Commonly used to measure the relative stiffness and degree of deflection of the material when force is applied and then released.

MOR= Commonly used to measure the relative strength of the material under pressure. It measures how much the material will bend before it breaks from the force applied and often referred to as 'bending strength'.



Why wood is best for interior fitouts?

- Ensures rapid cooling and heating of the space. It also absorbs noise and atmospheric carbon, making the space much healthier for occupants.
- Easy to work with and design.
- Can be used in different ways to achieve various levels of aesthetic charm, warmth and earthiness.
- Can be painted, sculpted or stained to add an edge to the space.
- Even with little or no modifications, wood can be crafted into remarkable designs and decor elements.

Yet another value-added webinar to be announced in March, 2022.

STAY TUNED