

'Made in India' Canadian Wood FJEG boards

British Columbia, Canada, is acknowledged as a global leader in certification and sustainable forest management practices. It is also one of the largest exporters of lumber (sawn timber) in the world.

Forestry Innovation Consulting India Pvt. Ltd. (FII), a crown corporation of the Government of British Columbia (B.C.), also known as Canadian Wood, promotes its forest products in the offshore markets.

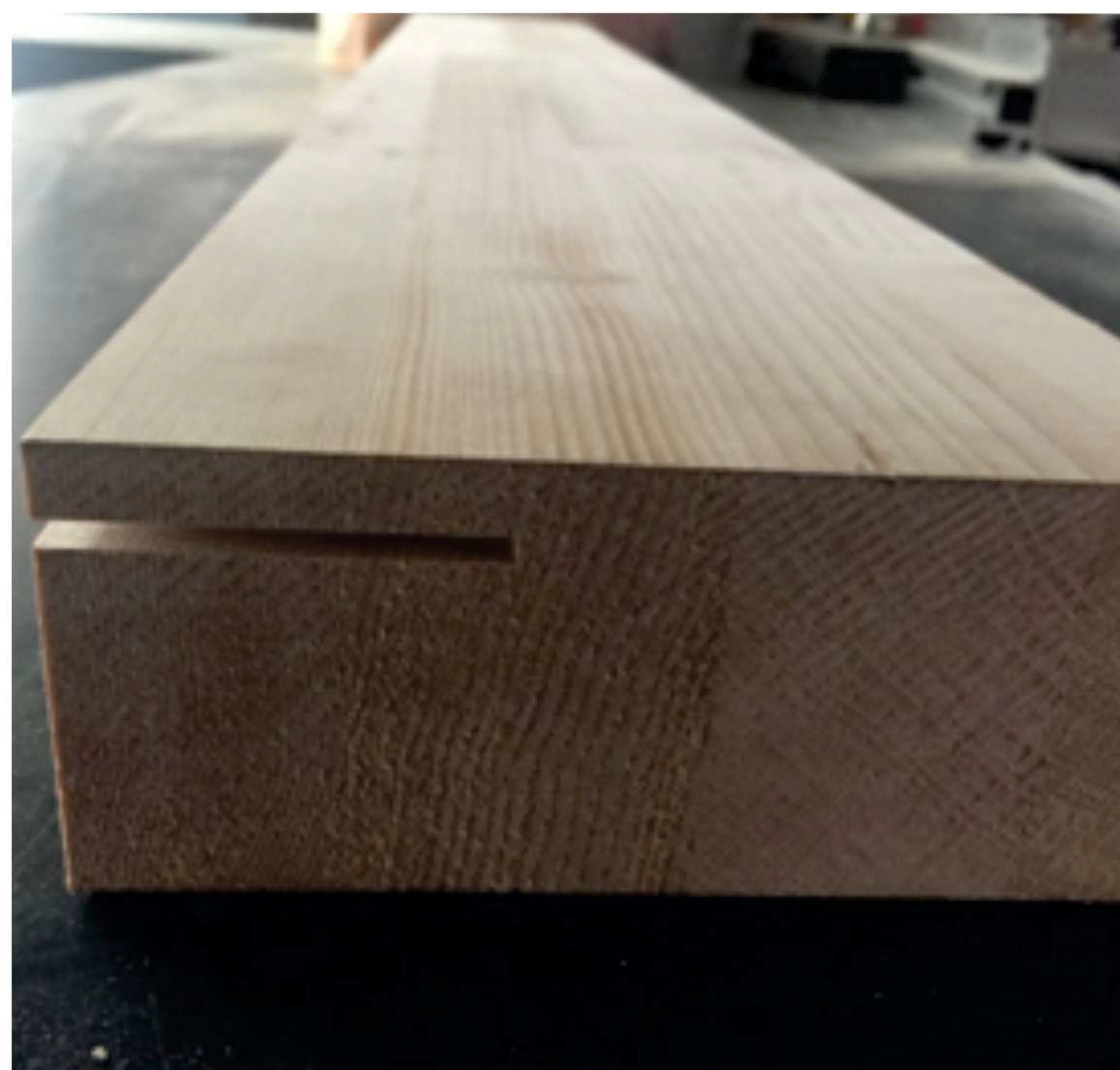
While engaging with its target audience, Canadian Wood strives to add value and support the woodworking industry in India through creative inputs and innovation. One such example is using Canadian wood species as raw material to make finger joint edge glued (FJEG) boards for Indian manufacturers in the reman industry. FJEG boards are used to make furniture, doors, windows, and door & window frames. They are as environment-friendly and strong as lumber.

Additionally, they also address the reman industry's twin challenges of customized sizes and knots in the wood.

The Indian woodworking industry is growing rapidly and there is an increased appreciation for engineered wood products for different applications given their benefits. FJEG boards can be manufactured using any of the Canadian wood species. However, FII chose western hemlock for the initial trials as the results were excellent.

Engineered wood products are designed to maximize the natural strength and characteristics of wood. These products are strong and dimensionally stable, while also being sustainable and cost-effective.

Production of FJEG boards using western hemlock is underway and will soon be available initially in sizes most suitable for door jambs (45 mm) and for making furniture (18 mm).



Canadian Wood FJEG boards are an excellent raw material for a large variety of reman applications.

The expected bounce-back of the housing sector and its growth due to government initiatives to support the realty sector augurs well for the future of Canadian wood FJEG boards as this sector extensively uses wooden door jambs along with doors/windows. The results from the initial trials have been highly satisfactory with extremely positive feedback from manufacturers and contractors.

On similar lines, furniture made with western hemlock FJEG boards has been highly appreciated as it can be coated and/or stained to any desired finish or look. It has excellent machining properties and can also be turned and carved as required.

Other species of Canadian wood namely Douglas-fir and Yellow cedar also hold promising prospects for FJEG applications and these boards too can be available as per the demands of the industry.

FJEG boards as a raw material are ready-to-use and easy to work with. They also help optimize production and reduce wastage.



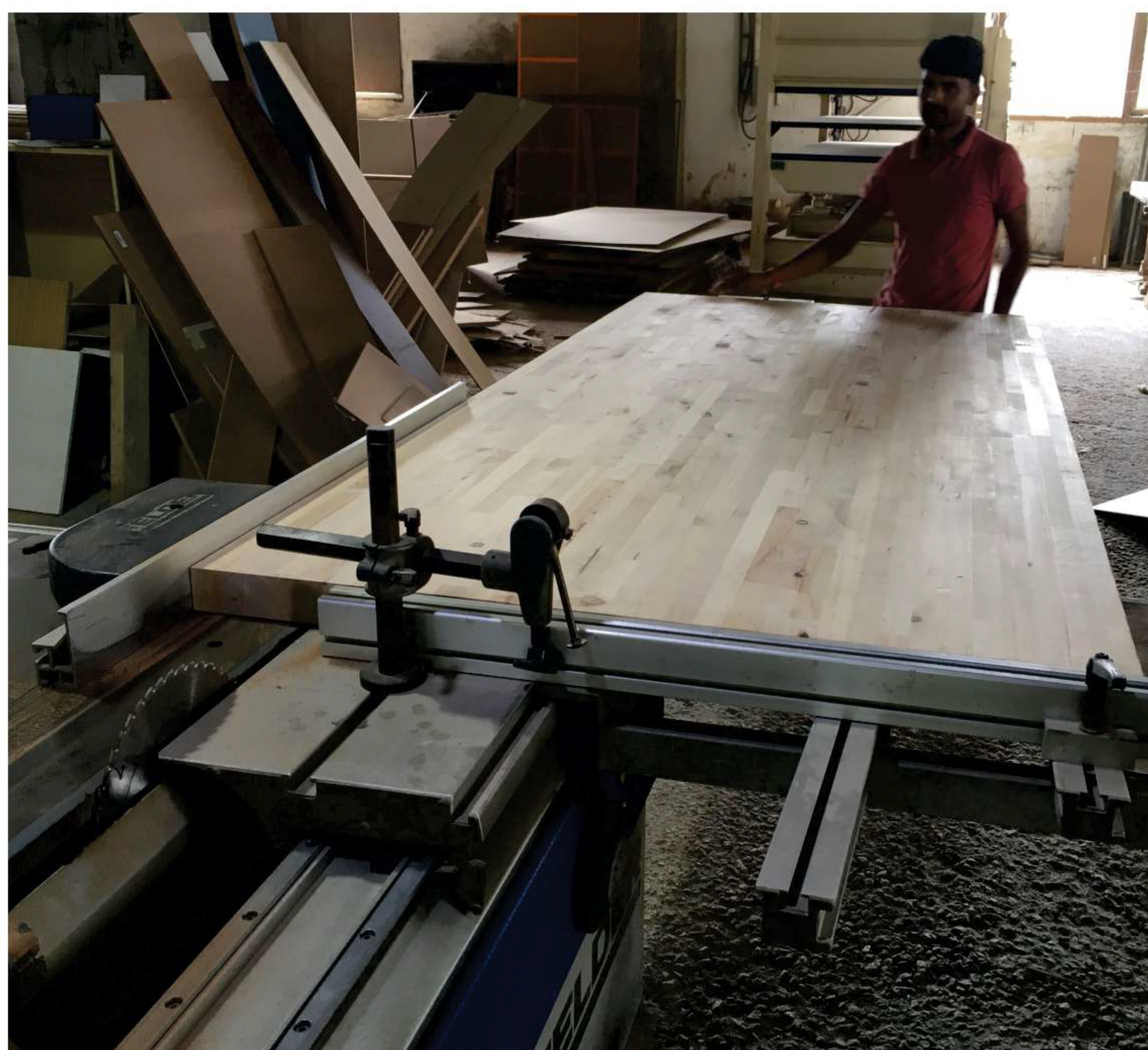
In its efforts to promote FJEG boards, Canadian Wood recently conducted a successful webinar on engineered wood products. It emphasized on qualities of FJEG boards and its various applications. It also highlighted the fact that expertise is available within the country for local production of FJEG boards for the benefit of the reman industry.

Esteemed speakers at the webinar - namely Puneet Patel (Nav Nirman Industries, Hyderabad) and P.V. Haridasan (Kerala State Rubber Co-operative Ltd., Kannur) expressed their confidence in Canadian wood FJEG boards and its suitability to manufacture a range of products.

Puneet Patel

Director
Nav Nirman
Industries,
Hyderabad.

"We are using western hemlock for manufacturing 45 mm FJEG boards. We're happy to say that today, these boards made from Canadian wood are a part of our main product line."



Applications of FJEG boards made from Canadian wood



- Table tops
- Wardrobes
- Cupboards
- Tables
- Almirah
- Bar tables
- Door and window frames
- Computer tables
- Cabinets
- Partitions
- Panelling

"With Canadian wood, we have had some of the best experiences working with wood, as it is easy to work with machines like planing, sawing and giving smooth finishes to products.

P.V. Haridasan
Managing Director
RUBCO
(Kerala State Rubber
Co-Operative Ltd.)

While integrating Canadian wood species, finger joints were found to be smoothly cut on the planed pieces with formation of strong finger joints using D3 glue. We've also experienced that Canadian wood products are suitable for edge gluing with polyvinyl acetate glue and its hardener to make string glue joints. Additionally, the boards could be easily and smoothly sanded in a widebelt sander, thus, meeting our quality parameters. The screw holding capacity was very good and the product allowed for finishing with polyurethane lacquers, the same finish as obtained through Rubber wood."



Upcoming webinar

Register now for our upcoming webinar on the science of manufacturing good furniture (indoor and outdoor).



Canadian Wood
www.canadianwood.in

A webinar on the science of manufacturing good furniture

'WOODINNOVATIONS'
— What's new & what's next —
Furniture indoor & outdoor
September 8, 2021, 2.30 pm to 3.30 pm

Sessions by

Bram Rouws, Bram Woodcrafting Studio, Mysuru.	Manan Patel, Woodberry Enterprise LLP, Ahmedabad.	Samir Wheaton, Wheaton's Design Pvt. Ltd., Jaipur.
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