

The vital role of wood in the post-pandemic world!

Institutional



Use of Glulam (curved beams) made with Canadian wood, CEPT University Workshop, Ahmedabad

While the pandemic posed several challenges, it has also been the single largest trigger compelling us as an industry to reinvent and discover new possibilities. Introspection, analysis and optimization are redefining consideration parameters in both architecture and design. In the given scenario as health and wellness gain precedence; green living and green buildings will be discussed now more than ever. Wood buildings are green structures that are

Residential



Use of Canadian Wood species in WFC style house, Chennai

environmentally responsible and resource-efficient when the wood is certified and sourced from sustainably managed forests.

Did you know of the human and organizational benefits of wood or wooden buildings?

As per studies, wooden buildings have been known to contribute to the overall better health of occupants by reducing stress and discomfort when wood used is a visible design feature. Reports also indicate that working in a wooden

Wood is amongst the few natural elements that can simultaneously achieve several important goals:

- reduced carbon emission
- increased sustainability in a building's life cycle
- improved occupant well-being

building can improve employees' job satisfaction and performance. Office workers in green-certified buildings

compared to those in conventional buildings have better cognitive functioning, mainly due to better indoor environmental quality.

The strongest evidence of wood's human and organizational benefits is based on its biophilic

Hospitality



Use of Canadian Wood species in laminated T & G style cottage, Goa

properties. Biophilic design incorporates natural elements into the construction and interiors of buildings. Important human benefits of wood interiors include improved indoor air quality as a result of wood's hypoallergenic properties and better sound absorption.

Health & Wellness



Use of Canadian Wood species in a wellness resort, Kerala

Furthermore, wood surfaces in an office environment can reduce the body's stress responses. Mounting evidence points to the health and well-being benefits of wood interiors in schools and hospitals.

Wood in healthcare settings has restorative properties, resulting in improved patient recovery. In school classrooms with wood interiors, students experience less stress and better learning outcomes. These findings reinforce the more general understanding that humans thrive in natural settings. In addition, mass timber buildings benefit workers involved in the construction process because of reduced construction time and safer, cleaner building sites.

With the increasing importance of wellness, customer expectations have further evolved with reference to both residential and commercial projects. It is thus expected that industry professionals catering to such customers may significantly benefit by adopting sustainably sourced wood species.

Sources & credits:

- www.naturallywood.com
- Report by Graham Lowe, Ph.D.

Wish to discover recent innovations in wood? Register for this webinar.

The webinar aims to showcase wooden structures across India that leverage Canadian Wood species in different building techniques. Besides unveiling multiple advantages of building with wood, these structures present potential opportunities to the residential and hospitality sectors.

Registrations for the webinar are now open. Click on the icon below to participate.

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Canadian Wood
www.canadianwood.in

invites you to a webinar on
'WOODINNOVATIONS'
—What's new & what's next—
June 23, 2021, 2.30 pm to 3.30 pm

Wood as a natural building material is gaining importance worldwide. See how three leading entrepreneurs in the wood industry have taken building with wood to the next level.

Sessions By

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Project: Woods Villa, Devanya
Architecture & Interior Design: Studio Lotus
Photo Credit: Studio Noughts & Crosses

Project: Double Tongue & Groove Resort
Style Cottage, Goa
Architecture & Interior Design: Woodbarn India
Photo Credit: Anand Jaju Photography

Project: Single Storey Wood Frame
Construction House, Chennai
Architecture & Interior Design: Company X
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