

# ARCHITECTS, DESIGNERS AND CERTIFIED TIMBER



Photo courtesy of Finnforest



# THE STANDARD OF CHOICE



The Programme for the Endorsement of Forest Certification (PEFC) is an international non-profit, non-governmental organisation dedicated to promoting Sustainable Forest Management (SFM) through independent third-party certification. As an umbrella organisation, it works by endorsing national forest certification systems developed collaboratively by all interested stakeholders and tailored to local priorities and conditions.

Each national system undergoes rigorous third-party assessment against PEFC's internationally agreed sustainability benchmarks.

# CHOOSE PEFC FOR YOUR PROJECT

## STYLE & SUBSTANCE

Timber opens up a world of innovation. There has never been a better time to choose timber as a building material. It is a fashionable, flexible, organic and an aesthetically attractive material that allows architects and designers to develop creative and innovative construction solutions. All buildings can benefit from the structural and environmental benefits of timber both inside and outside the envelope. With environmental and sustainability issues at the forefront of the green building debate timber has become the perfect answer to questions on how to deliver low carbon design easily.

Timber is the link between building and nature. The variety and species of timber available from PEFC sources is enormous.

There are an endless variety of colours, grain patterns and wood character to choose from. From structural softwoods such as Finnish Spruce to Western Red Cedar cladding or Black Walnut, Cherry and White Oak for glamorous interiors and high-specification flooring – each timber has unique properties that will provide a myriad of design options for architects and specifiers. The potential and scope for timber application is as wide as your imagination.



*The Piano Pavillion Café, Lahti, Finland  
– PEFC Spruce Glulam*



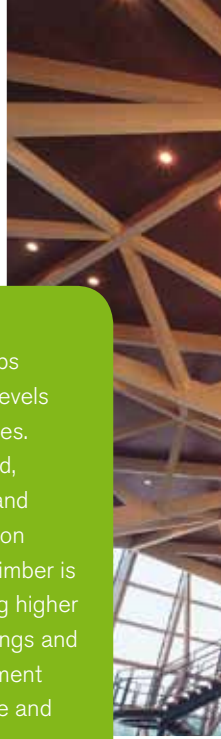
## FABRIC FIRST

Timber frame has the lowest embodied CO2 of any commercially available building material. When specifying timber you can be confident that the material you are choosing is a simple and straightforward way to achieve a high-performance building fabric. Fantastic thermal performance and high airtightness levels allow you to confidently meet energy rating targets and achieve performances required by standards such as PassivHaus. The use of timber can also reduce the need to introduce expensive renewable energy additions to your project.

Specifying timber directly helps achieve improved scoring or levels in building standards and codes. It is also a quicker way to build, producing less onsite waste and gives clients a quicker return on investment. Using structural timber is a huge motivation in achieving higher performance assessment ratings and demonstrates a high commitment to environmental best practice and industry approval.

## DESIGN WITH A DIFFERENCE

The visual value of timber is immense. Why design an interior or structural exterior that doesn't look stunning? Try timber frame, engineered woods such as Glulam, Xlam and Laminated Veneer Lumber, or Structural Insulated Panels (SIPs). Discover the vast array of flooring, decking and cladding options available. The use of timber for 'post and beam' design produces huge interior spans with the scope to showcase breathtaking use of space and introduce huge swathes of natural light. Across the world, the international design community is embracing timber to deliver high profile, award winning projects from houses, schools and hotels to restaurants, theatres and supermarkets.





## CERTIFIED TIMBER FROM PEFC

**Aesthetics** – an organic material that looks stunning across a range of applications for interiors and exteriors

**Flexibility** – a unique material that is simple and easy to design and understand. It is also renewable, reusable and recyclable

**Performance** – outstanding results across a wide range of residential and commercial schemes to high environmental standards

**Supply** – a huge variety of softwoods and hardwoods from around the globe to give your scheme a special flourish. Widely available from an extensive network of merchants and suppliers

**Responsibility** – a trusted and robust chain of custody from the forest to the end user. PEFC has over 230 million hectares of certified forests in 30 countries, making it the world's largest forest certification system. PEFC certified materials are accepted by

public procurement policies worldwide. An essential requirement for public sector projects

**Sustainability** – a simple and effective way to achieve low and zero carbon buildings, recognised by leading green building standards globally



## THE CREATIVE EDGE

Certified timber enables architects to meet stringent public and private procurement policies worldwide so major contractors can deliver exacting architectural concepts – using hardwoods, softwoods, decking, cladding or plywood. For complete confidence in creating a sustainable building project, PEFC offers project certification. This is based on the total input of PEFC-certified raw material to the whole project and enables businesses to make a single claim regarding the timber products or group of products used.

The adoption of timber as a design and building material is the first step to creating a signature building. Timber has amazing appearance, durability and performance values. It is flexible, reliable and fast to work with. It absorbs carbon while growing, uses low energy in conversion, stores carbon in use and is a renewable crop. PEFC-certified timber offers the widest choice of sustainable timber available to architects, specifiers and designers internationally, including Western Red Cedar, European Larch, Douglas Fir, European Redwood, Beech, European Oak, American White Oak, American White Ash, Finnish Spruce and Birch with Dark Red Meranti, Mersawa, Merawan and Gerutu for windows and Balau, Red Balau, Kempas and Keruing for decking.

PEFC is a unique global certification system. Its distinctive and easily-recognised logo transcends language barriers making it a truly global brand.

For further information about PEFC visit:

[www.pefc.org](http://www.pefc.org)

### PEFC Council

World Trade Center  
10, route de l'Aéroport  
CH-1215 Geneva  
Switzerland

**t** +41 22 799 45 40

**f** +41 22 799 45 50

**e** [info@pefc.org](mailto:info@pefc.org)

**w** [www.pefc.org](http://www.pefc.org)



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