

THE SUSTAINABLE, RENEWABLE RESOURCE FOR BUILDING OUR FUTURE

Image courtesy of Casey Horner, unsplash.com

What is Pacific HemFir?

Pacific HemFir is a combination of Western hemlock (*Tsuga heterophylla*) and Amabilis fir (*Abies amabilis*), two of the most important and popular coniferous species in British Columbia. Western hemlock is the most common tree species on the coast and inhabits wetter parts of the southern Interior of the province. Amabilis fir is found across B.C.'s coastal area. Growing intermixed, these high value species are nearly identical in appearance and performance, and are harvested, manufactured and marketed together as Pacific HemFir.

SUSTAINABLE AND RENEWABLE

<1% or 0.35% of B.C.'s forests are harvested annually

9% of the world's certified forests are in B.C.

76% or 41 million hectares are independently certified forests

200 million seedlings are planted annually in B.C.

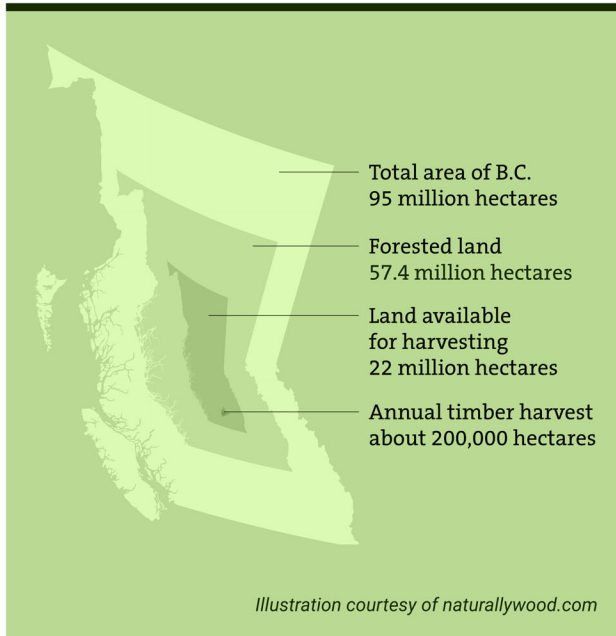
Global Leaders in Sustainability

Our forest products companies source Pacific HemFir directly from the coastal and interior regions of B.C., adhering to some of the most stringent forest management standards and practices in the world. B.C.'s strong system of forest laws, monitoring and enforcement ensures sustainable forest management across the province.

Forest products companies operating in B.C.'s publicly held forests are required to harvest at sustainable rates. This means they harvest less than 1% of areas designated for harvesting per year and reforest promptly, using a mix of native tree species, while monitoring these areas to ensure the establishment of healthy forests.

By choosing Pacific HemFir products from British Columbia, consumers can be assured they are purchasing forest products that are from legal and sustainable sources.

Based on the latest science and a strong regulatory regime, forest management planning and practices protect and manage key environmental values.

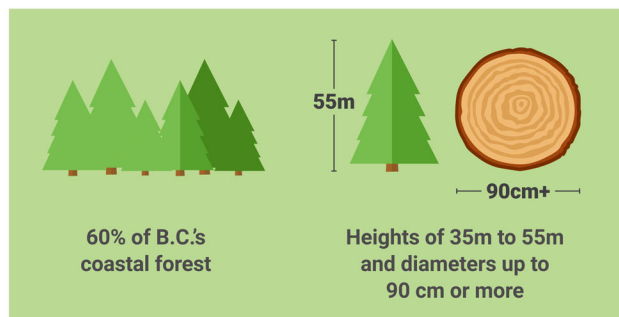


These values include soil conservation, water quality, fish habitat, critical wildlife habitat, old growth, cultural and Indigenous values, recreation, visual landscapes and reforestation.

Wood products sourced from sustainably managed forests are critical in protecting this renewable natural resource and tackling climate change. B.C.'s established track record as a reliable supplier of quality products from sustainably managed forests makes Pacific HemFir a leading solution for building products.

Characteristics and Value

Fast growing Pacific HemFir is the most abundant coastal species. Pacific HemFir's wood fibre has high strength and stiffness, combined with even density. It seasons well, hardening as it dries and ages to give excellent durability throughout its lifespan, remaining true to its original freshly milled, pale pastel colour.



Long Lasting

This desirable softwood is porous and accepts stains well, naturally delivering added richness, utility and value.

Pacific HemFir's superior pressure treating performance allows for good penetration of preservatives. Pressure treating increases Pacific HemFir's durability and prolongs the lifespan of Pacific HemFir products, offering a building solution that is both sustainable and economical.

Widely Available

Pacific HemFir's versatility makes its use widespread in the construction and secondary remanufacturing sectors. All Pacific HemFir lumber is manufactured, graded and sorted in compliance with the relevant domestic or international grading rule. Pacific HemFir is readily available in the following Canadian grade classifications:

Grades	Description and Recommended Use
Clear (Knot free)	No. 2 Clear and Better No. 3 Clear No. 4 Clear
Factory (Remanufactured for Clear recovery)	Factory Flitch Shop Flitch Shop Lumber No. 1 Shop and Better No. 2 Shop Moulding Stock A & B
Construction	Light Framing Structural Light Framing Structural Joists and Planks Merchantable
Timbers	Beams and Stringers (Rectangular) Posts and Stringers (Square) No. 1 and Better No. 2 Structural Standard and Utility

Visit www.PacificHemFir.com for a full description of the grades and ranges of sizes available in our [Primary Products Brochure](#) on our resources page.

CONSTRUCTION

Due to its high strength-to-weight ratio, Pacific HemFir is used in structural products throughout residential and commercial construction. Applications include framing, sheathing, sub-flooring, concrete forms, decking, planking, beams, posts and prefabricated buildings. Pacific HemFir can meet many of the structural load bearing and load carrying requirements of residential, light commercial and heavy construction. And because it takes well to fire-retardant treatment it is frequently specified as paneling in public buildings such as theatres, universities and malls. It is often used in saunas because Pacific HemFir is completely odorless and pitch free.

LANDSCAPING

A preferred choice where pressure treated wood is required, Pacific HemFir offers dependable performance thanks to its even density which allows for the uniform penetration of preservatives during the treatment process. This property makes it well suited to outdoor applications like SoundShield fencing to reduce traffic noise as well as decking and landscape features. Pacific HemFir's durability makes it excellent for wear resistance on high-traffic areas.

INDUSTRIAL

From access mats to load bearing timbers, its strength together with its stiffness make Pacific HemFir a preferred material for use in horizontal components and longer spans—one reason Pacific HemFir is pressure treated and used in industrial applications such as bridges and piers. When preservatives are added to the wood, the product's service life is extended, contributing to the sustainability of the product.

Pacific HemFir's versatility makes its use widespread in the construction and secondary remanufacturing sectors.



*Top image courtesy Patkau Architects
Image 2 courtesy of Western Forest Products*

VALUE ADDED WOOD PRODUCTS

Most value added remanufactured lumber products feature straight, clean edges or smooth, accurate contours. These qualities and Pacific HemFir's strength and durability make it an ideal choice for furniture, staircase components and other items in constant use. Pacific HemFir's ease of machining and finishing, combined with its visual appeal and stability, make it suitable for mouldings, paneling, cabinets, window frames, doors and other decorative features.

Strong, beautiful and economical by nature, Pacific HemFir's pressure treating performance bolsters its reputation as wood that works.

From sapling to sustainable end product, Pacific HemFir is a renewable, recyclable and carbon neutral building material that provides sustainable environmental benefits throughout its lifecycle.



*Top image courtesy of Canada Wood
Bottom image courtesy of Patkau Architects*

Where to Buy

Committed to quality products, the sustainability of our forests and the future of our industry, contact these companies for more information on Pacific HemFir products and retailers.

RIVERSIDE FOREST PRODUCTS

T: (1) 604.580.4500

TEAL JONES

WHITEWOOD LUMBER SALES

T: (1) 604-587-8700

BC WOOD SPECIALTIES GROUP

T: (1) 604-882-7100

TOLL FREE IN NORTH AMERICA:
1-877-422-9663

SKEENA SAWMILLS LUMBER SALES

T: (1) 604-800-5990

WESTERN FOREST PRODUCTS

T: (1) 604-648-4500

INDEPENDENT WOOD PROCESSORS ASSOCIATION BC

EMAIL: CONTACT@IWPABC.COM

OUR PARTNERS



Canada



**Forestry Innovation
Investment**

For more information about British Columbia wood products and the sustainably managed forests they come from, visit naturallywood.com.