

Western Structural Timbers

DOUGLAS-FIR

Photo Credit: Island Timber Frame Ltd.

Western Forest Products is a trusted leader in natural wood products, known for its uncompromising quality and craftsmanship. Every product bearing the Western name meets some of the highest standards in fiber consistency and manufacturing excellence. Our Douglas-fir timbers deliver exceptional strength, stability, and abrasion resistance, making them a reliable choice for demanding applications such as bridges, wharves, log structures, and commercial buildings.



WHY IS DOUGLAS-FIR IDEAL TO WORK WITH?

High Strength – lends itself well in structural applications

Durability – although a softwood, its supreme durability helps resist damage and abrasions

Quicker Drying – limits the amount of dimensional movement over time

WESTERN
Forest Products

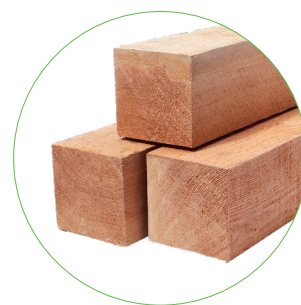
SPECIES CHARACTERISTICS

Harvested from responsibly managed forests, Douglas-fir is renewable, recyclable, and biodegradable. The species also responds well to both hand and machine tools. It sands smoothly, glues effectively, and holds nails and screws securely, facilitating precise craftsmanship in construction and woodworking projects.



TIMBERS - FOHC or HC

NOMINAL SIZE	ACTUAL SIZE	GRADE	TYPE	LENGTHS
3" x 6" - 3" x 12"	3" x 6" - 3" x 12"	#1 Struct Btr	FOHC	8'-24'
4" x 6" - 4" x 12"	4" x 6" - 4" x 12"	#1 Struct Btr	FOHC	8'-24'
6" x 6" - 6" x 16"	6" x 6" - 6" x 16"	#1 Struct Btr	FOHC	8'-40'
6" x 6"	6" x 6"	#2 Struct Btr	HC	8'-40'
8" x 8" - 8" x 16"	8" x 8" - 8" x 16"	#1 Struct Btr	FOHC	8'-40'
8" x 8"	8" x 8"	#1 Struct Btr	HC	8'-40'
10" x 10"	10" x 10"	#1 Struct Btr	FOHC	8'-40'
10" x 10"	10" x 10"	#1 Struct Btr	HC	8'-40'
12" x 12"	12" x 12"	#1 Struct Btr	FOHC	8'-40'
12" x 12"	12" x 12"	#1 Struct Btr	HC	8'-40'



FINISHING AND MAINTENANCE

- Douglas-fir contains few resins and can take stains and finishes well.
- For best results coat all six sides before installation.
- New Douglas-fir timbers that are going to be finished should be protected from the weather before finish is applied.

- Allow the product to acclimatize to the environment where it will be installed.
- Fasteners with corrosion resistance should be used.

Finishing and maintenance guidelines are provided for general informational purposes only. For specific advice on finishing and maintenance, please consult with a qualified professional.



Use the QR code to view our complete product line.

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Western Forest Products® is a leading forest products company that manufactures high-quality wood products.

Headquartered in Vancouver, British Columbia with operations in the coastal region of BC and Washington State, Western Forest Products meets the needs of customers worldwide with a specialty wood products focus and diverse product offering.

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