



Canadian Lumbermen's Association / l'Association Canadienne de l'Industrie du Bois

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The Canadian Lumbermen's Association (CLA) is accredited by the Canadian Lumber Standards Accreditation Board and the American Lumber Standards Committee as a softwood lumber grade stamping Agency.

The CLA grade stamp certifies that the lumber involved has been manufactured and graded according to a specific set of standards that is accepted under both the USA and Canadian Building Codes.

The Certified Glued Lumber CLA grade stamp indicates that the piece of lumber meets the same grade requirements as that of a solid, non-finger jointed piece of lumber.

I.e. Design Values of lumber graded and stamped with #2 SPF Cert. Glued Lbr are equal to the Design Values of regular #2 SPF lumber. (see below for values)

Canadian - Limit States Design Values

Modulus of Elasticity	E =	1.379 x 10 ⁶ psi
Bending at extreme fibre	F _b =	1711 psi
Compression Parallel to grain	F _{C₁₁} =	1668 psi
Compression Perpendicular to grain	F _{C_{perp}} =	769 psi
Longitudinal Shear	F _v =	145 psi

US - Allowable Design Stresses

Modulus of Elasticity	E =	1.4 x 10 ⁶ psi
Bending at extreme fibre	F _b =	875 psi
Compression Parallel to grain	F _{C₁₁} =	1150 psi
Compression Perpendicular to grain	F _{C_{perp}} =	425 psi
Longitudinal Shear	F _v =	135 psi

Please refer to the applicable wood design codes for all adjustment factors.

For further information on the CLA, please contact me at your convenience or visit us on the web at www.cla-ca.ca

Richard Hudon,
Chief Inspector.