

## Westdek GLT - ANSI

Made to the highest specifications and standards in a regularly inspected environment focused on quality. Western Archrib's Westdek product is second to none. From simple span, to multi-span applications as well as cantilevers, Westdek is the ideal product for you mass timber floor or roof.

### Manufacturing Standards

Our production facilities are certified by the APA – Engineered Wood Systems to produce glulam in accordance with:  
– ANSI A190.1 American National Standards Institute

As part of our commitment to the environment we offer Chain-of-Custody Certification on products manufactured with FSC® Certified Wood.

FSC® (FSC-C020013) Certified Wood to FSC-STD-40-004

### Manufacturing Locations

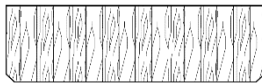
Edmonton, Alberta, Canada  
Boissevain, Manitoba, Canada

### Specifications

#### Standard Sizes:

- Thickness – 3 1/8", 5 1/8", 6 7/8", 8 1/2", and 10 3/8".
- Panel width – standard width of 23 3/4". Optional width of 11 3/4" is available.
- Length – available in lengths up to 65'.

#### Profiles/Shapes:



Standard



Fluted



Plank

#### Appearance Classifications – ANSI A190.1

- *Planed (Industrial)* – exposed face of member is surfaced true to specified dimensions. Occasional planing misses may occur, filling or patching is not required.
- *Sanded (Architectural)* – exposed face of member is surfaced true to specified dimensions, free from squeezed-out adhesive, and sanded smooth. Planing misses along laminations are patched. Defects over 0.75" diameter are patched or filled.

#### Available Species:

- Douglas Fir
- Spruce/Pine

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#### EDMONTON

4315 – 92 Avenue N.W.  
Edmonton, AB T6B 3M7  
780-465-9771

#### BOISSEVAIN

750 Johnson Street N.  
Boissevain, MB R0K 0E0  
204-534-2486

#### VANCOUVER

Vancouver, BC  
604-230-3539

#### *Adhesive/Service Grade*

- Our adhesives are in accordance with ANSI 405-2018. and meet the qualification requirements of ANSI 190.1-2017.

#### *Design Values:*

- See below table for Westdek design values.

### ***Allowable Strengths and Modulus of Elasticity - Westdek***

		Douglas Fir (psi)	Spruce/Pine (psi)
Bending Moment (pos.)	fb	850	875
Bending Moment (neg.)	fb	850	875
Longitudinal Shear	fv	180	135
Compression parallel	fc	1400	1150
Compression perpendicular	fc <sub>p</sub>	625	425
Tension parallel	ft	500	450
Modulus of elasticity	E	1 600 000	1 400 000

\* The information presented in the above table has been taken from the NDS Supplement Design Values for Wood Construction Table 4A. See guide for specific notes and further information.

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