



American Advantage

A PLANK

LVL Scaffold Plank

Advances in American wood science and manufacturing technology contribute to the A PLANK advantage. Douglas-fir a native species of North America was selected for its superior strength-to-weight ratio. Logs are peeled to yield thin sheets of veneer. Each A PLANK consists of multiple layers of veneer graded by strength and density. Naturally occurring wood defects such as knots and slope of grain are dispersed during the lay-up and lamination process for greater consistency and strength compared to solid lumber planks.

The multiple layers of thin DF veneer enhances the structural uniformity and increases the strength and reliability of our American made A PLANK.

Strength and Stiffness Verification

- Every A PLANK is individually proof tested to insure that each plank meets OSHA deflection limits before being branded as a scaffold plank.
- Modulus of Rupture and Modulus of Elasticity are frequently tested throughout the LVL production process in accordance with the requirements of APA-EWS an independent third party inspection agency.
- A PLANK is designed to conform to ANSI A10.8-2001 Loading Requirements.



INGENUITY

PRODUCTIVITY

RELIABILITY

DURABILITY

SAFETY

STRENGTH

SUSTAINABILITY

Applicable Design Standards

- ICBO 1997 Uniform Building Code Structural Laminated Veneer Lumber
- U.S. Occupational Safety and Health Administration, OSHA Scaffold Standards (29 CFR 1910 and 1926)
- ANSI A10.8-2001, Safety Requirements for Scaffolding.

Plank Embossing

- Each plank is permanently embossed with the following:

A PLANK MADE IN USA OSHA APA-EWS
1081 "Production Date" PROOF TESTED SCAFFOLD PLANK

- Scarfed face joints for a smooth flat working surface
- Eased edges for splinter free handling

A PLANK LVL SCAFFOLD PLANK

ALLOWABLE SPAN TABLE		
LIVE LOAD	SECTION 1½" x 9¼"	
	SINGLE SPAN	2 EQUAL SPANS
50 psf	10'-5"	11'-8"
75 psf	9'-1"	10'-2"
1-Person	10'-5"	12'-4"
2-Person	8'-2"	8'-8"
3-Person	5'-11"	6'-8"

Notes:

- Spans are from center-to-center of scaffold supports.
- The weight of the plank has been included in all calculations, and is included as a "Dead Load".
- Deflections are limited to L/60 per OSHA requirements.
- Bending capacity determined per ANSI A10.8 Appendix C. The "Person" load is defined in ANSI A10.8 as a person weighing 200 pounds, carrying 50 pounds of equipment.
 - The "1-Person" load is applied at mid-span.
 - The "2-Person" load is applied with each "Person" load placed 18" to either side of mid-span.
 - The "3-Person" load is applied with a "Person" load at mid-span, and a "Person" load at 18" to either side of mid-span.

BE SAFE - Always inspect your planks prior to each use. Any plank showing signs of misuse or damage must be immediately removed from service. Contact your plank supplier for a complete list of inspection and storage guidelines.



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