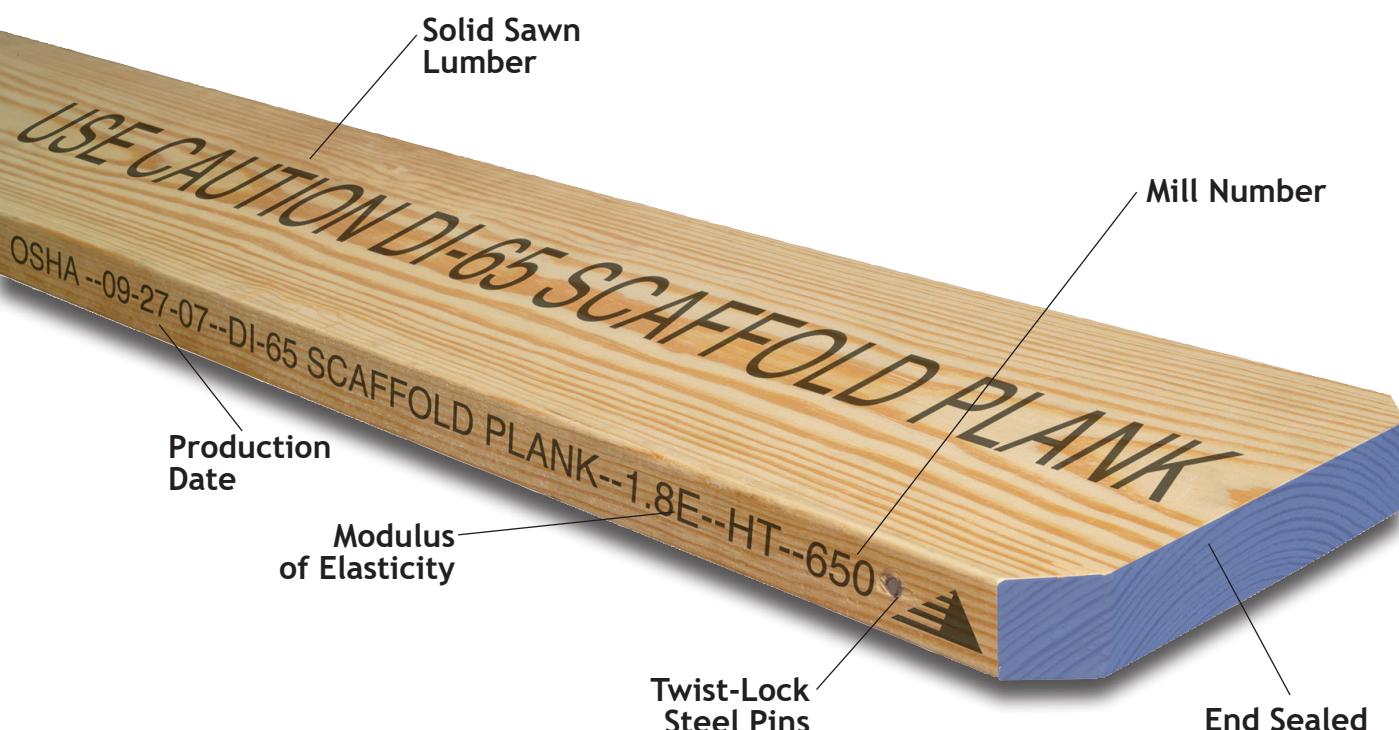


A Solid Direction in Scaffold Plank.

Solid Sawn scaffold plank has been the original scaffold plank of the industry for many years. Indian Mill has taken solid sawn to a whole new level. Indian Mill Plank not only visually grades but mechanically proof test to meet and exceed OSHA/ANSI standards. Indian Mill Plank's manufacturing process starts with the highest quality lumber. All planks are precision end trimmed to ensure proper length. Ends are clipped and sealed to retard end damage. Planks are end pinned in the patented Indian Mill Plank Pin-Lok Machine. Planks are then tested to OSHA Standards and receive a third party stamp.

Plank Services

- **End Pinning** - to reduce end splitting and cupping
- **Clipped Corners** - to reduce end shearing and ease of handling
- **Continuous Embossing** - with OSHA, Date of Production, Mill Number, and Customer Name
- **End Sealed** - to prevent moisture and chemical entry



Twist-Lock steel pins are inserted at the ends of the plank in a twist-lock operation. The holes are drilled slightly smaller than the grooved pins, so they must be twisted into place with extreme pressure. By inserting twisted steel pins in this fashion, end splits and cupping will be greatly reduced.

Solid Sawn Scaffold Plank Span Tables

Agency	Span in Feet	1 Worker or Light Duty	2 Workers or Med. Duty	3 Workers Hvy. Duty
Species Classification				
SPIB				
Southern Pine	10	Yes	No	No
DI-65	8	Yes	Yes	No
WCLB	7	Yes	Yes	No
Doug Fir	6	Yes	Yes	No
Select Structural	5	Yes	Yes	Yes

Notes:

1. Spans are from center-to-center of scaffold supports.
2. The weight of the plank is included in all calculations as a "dead load"
3. Deflections are limited to L/60 per OSHA requirements.
4. Deflections are limited to L/80 per CSA requirements.
5. 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
6. For conditions other than listed above, contact Indian Mill Plank for assistance.

Solid Sawn Scaffold Plank Design Properties

E	F _b	F _v
1.8 x 10 ⁶ psi	2200 psi	100 psi

Notes:

1. The design properties are for untreated scaffold planks used under dry conditions. Dry conditions are defined as an environment where the moisture content of the planks will not exceed 19%.
2. The design properties are based on flat plank orientation.
3. If the moisture content of the planks is expected to exceed 19%, the design properties (E, F_b and F_v) shall be multiplied by 0.8 for wet-use conditions.
4. Fastener values for scaffold planks shall be taken from the 1991 edition of the National Design Specification for Wood Construction for SPF lumber.
5. The allowable bending stress, F_b was determined in accordance with the ANSI A10.8 subcommittee guidelines (COV = 15% for F_b)

Ask About Other Quality Indian Mill Plank Products
Pin-Lam 2.2E Scaffold Plank
Pin-Lok 2.0E Scaffold Plank
Rhino Skin Sealant
Flame Guard
SPT6 Scaffold Plank Tester
Lumber Products

Distributed by:

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 The Scaffold Plank Specialists

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