



Deck Boards

5/4x6, 1x6
Lengths: 13ft & 16ft

Railing Material

Board Sizes: 2x4x13ft, 2x6x13ft

Posts

4x4x13ft

Available in siding and interior flooring



UV Protection

There are several quality UV protection products available; visit www.cabotstains.com for product information and a dealer in your area. We recommend using "Australian Timber Oil 3400/9400 Series" for decks and outdoor furniture. Visit www.penofin.com for product information and a dealer in your area. We recommend using the "Hardwood Formula" product. It's recommended that if you wish to keep your deck looking new as possible, coat it every year.

No Protection

If you decide not to coat your deck, it will turn a beautiful silver gray patina colour. Small black spots may appear on the surface of the wood. It is a harmless fungus that is ever-present in the air. These black spots are only part of the weathering process and do not affect the durability of the wood. They will fade into the gray colour once the wood has completely weathered. This process occurs on all other wood species, but tends to be a little more noticeable on Siberian Larch due to its blonde colour. Since Larch is a natural wood, it will have some surface checking. A protective seal will reduce the amount of surface checking. This surface checking does not affect the structural strength or performance of the wood.

Handling

Kiln dried wood should be kept in a dry storage until time of installation. Pallets/bundles of boards should be protected at the job site prior to installation.

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SIBERIAN
LARCH



High Density

Siberian Larch has an average of 41lbs/ft³. Higher densities make it more difficult for decaying organisms to penetrate the wood. Other than Ipe, Siberian Larch is denser than all the other most commonly used decking materials.

Grows in a Harsh Climate

The climate in which Siberian Larch grows is defined as extreme continental, meaning short summers and long, cold winters. This results in short growing seasons and therefore a larger percentage of heartwood and a very tight grain. Heartwood is denser and mechanically stronger than the sapwood. This higher proportion of heartwood equates into a more naturally durable wood.

Large Content of Heartwood

In a scientific study on the properties of Siberian Larch, it was concluded that larch trees are composed of 75-90% heartwood in their natural existence. Heartwood is denser, less permeable and more durable than the surrounding sap wood.

Hard Wood

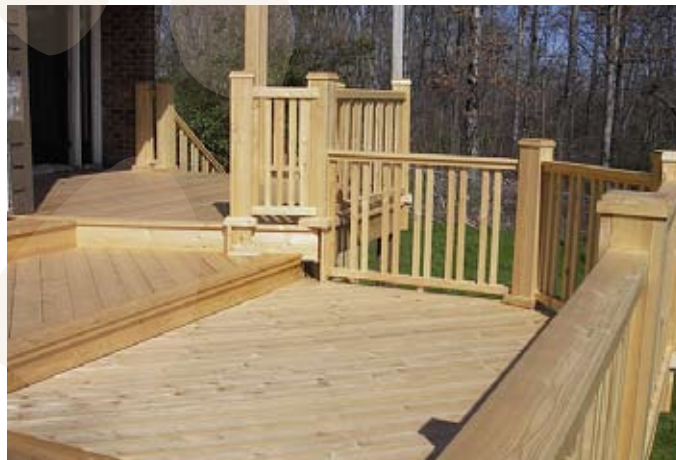
The hardness of wood, which is highly correlated with density, is generally defined as resistance to indentation. Fewer dents and abrasions mean fewer places for water and fungi to penetrate the wood. Not only will harder wood have a positive effect on durability, but it will also help the deck to maintain a better appearance. Siberian Larch has a hardness of 1150 lbs/in² as measured by the Janka Scale.

High Resin and Extractive Content

These resins and chemical deposits act as a natural antiseptic which is very unappealing to insects. The chemical composition of wood can significantly affect its natural durability. This holds especially true for Siberian Larch. The resins and extractives in larch are credited the most for creating this high resistance to decay and rot.

Environmentally Sound

Siberian Larch is harvested from managed forest projects. It is naturally seasoned and KILN DRIED to prevent shrinkage.



Span

1" net thickness deck boards will span 16" on centre.

Spacing

When installing, there should be a minimum 1/8" to 3/16" gap between boards to aid in air circulation and drainage. If using a hidden deck fastener system, please use the manufacturer's recommended spacing guidelines.

Shrinkage

Decking is kiln dried to 12% MC and shrinkage will be minimal.

Cutting and Drilling

Due to the density of Siberian Larch, carbide tipped saw blades and high quality drills are recommended for smooth cuts.

End Sealer

If during installation, you need to cross cut any boards, it is recommended that you end seal the fresh cut with "Anchorseal" to reduce end checking. One quart will cover 500 square feet of decking. Visit www.uccoatings.com for product information and a dealer in your area.

Hidden Deck Fasteners

There are several hidden deck fastener systems available. Visit www.deckfastener.com, www.deckmaster.com, www.ipeclip.com or www.invisifast.com for product information and a dealer in your area.

Fastening

Fasten with high quality stainless steel trim head screws. It is good practice to pre-drill a pilot hole if fastener is being placed close to the end of the board; this will reduce the chance of the end splitting. There are several quality fastener products; visit www.swansecure.com or www.fastapscrews.com for product information and a dealer in your area.