

European Larch

Specification sheet



European Larch

Other Name(s): Siberian Larch, Knotty Larch

Scientific Name: *Larix sibirica*

Distribution: Siberia, Russia

Average Dried Weight: 570-650 kg/M3

Durability: Moderately Durable

Specific Gravity : Green 580 kg/M3

Janka Hardness: Dry (11)

Shearing Strength: Dry (9 MPa)

Elastic Modulus: Green (13 GPa)

Crushing Strength: Green (46 MPa)

Shrinkage : Radial: 4.0%, Tangential: 9.0%

Specie Overview :

For centuries, mankind has witnessed the unique performance of structures built out of Siberian Larch. Their experiences led them to refer to Siberian Larch as "The Tree of Eternity". Some homes and churches in Russia have been estimated to be in existence for over 800 years. Perhaps the most famous example of its longevity is its use in the construction of the ancient city of Venice. Due to proximity, Europeans have been able to take advantage of this material. Architects in Sweden, Norway, Finland, Austria, and Japan are specifying the use of larch in the construction of residential homes and commercial spaces such as schools, museums, stadiums, and bridges.

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Colour/Appearance:

Siberian Larch is a slow growing wood, a high density timber with minimum sapwood. The timber has a pleasing appearance with a warm mix of colours from golden brown, to yellow and orange, many hues and shades in the heartwood.

