



Siberian Larch Specification Sheet

Siberian Larch is one of the best coniferous woods. High durability and extra resistant against rot and fungus, this makes it ideal for outside joinery, cladding and decking.

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.

Timber is Kiln Dried 19 % Avg. M.C. This is regarded as being the most suitable moisture content for external timber cladding. Tight live knot structure, centre free, one face sap free. Lengths vary 2.4m-6.0m

Extensive sorting takes place on the basis of criteria such as knot size, knot frequency, wane, sapwood and heartwood.

The attribution of these qualities is determined by aesthetics and constructive application.

Siberian Larch can be used without finishing because of its colour, texture and durability. This displays the timbers natural beauty in all its splendour. Siberian Larch will fade to silver-grey through time.

Additional protection of the surface can be achieved with the use of water based stains, preservatives and paint. Using stains that have a pigment will protect the wood from discolouration which comes from exposure to UV light. Modern stains and finishes can achieve 4-6 years protection, depending on orientation and area location.

Technical Information

Wood Type:	Softwood
Environmental:	Sourced from well managed forests with either FSC or PEFC Certification.
The Tree:	This is a medium sized tree ranging in size from 20m to 40m in height with a diameter ranging from 0.6m to slightly over 1.0m. In favourable situations a long clean cylindrical bole for two-thirds of its length can be achieved.
The Timber:	The heartwood is golden brown to yellow and orange in colour, sharply defined from the narrow, lighter coloured sapwood. It is a resinous wood, with clearly marked annual rings. It has straight grain, a fine, uniform texture and is rather heavy weighing from 590kg/m ³ to 690kg/m ³ when dried.
Drying:	Difficult to dry due to its high resin content. Therefore it should be dried slowly to prevent checking and other drying defects.
Strength:	Likely to be similar to European Larch which is about 50 times harder than Scots Pine and slightly stronger in bending and toughness.
Working Qualities:	Similar to European Larch in that it saws, machines and finishes well but it tends to split on nailing and therefore drilling or piloting is recommended particularly at board ends.
Durability:	Slightly durable Moderately durable
Treatability:	Extremely difficult
Moisture Movement:	Reported to be small
Density:	Varying from 590 to 690kg/m ³
Texture:	Fine
Uses:	Cladding, Exterior Joinery, Flooring, Decking
Availability:	Readily available