



CLADDING SIBERIAN LARCH

SIBERIAN LARCH (*Larix siberica*)

International Timber procures slow grown Larch wood from Siberia which is available with FSC certification. The product is consequently denser, straight grained and contains less knots than Larch sourced in alternative countries in Europe.

Larch wood is a very strong robust wood with moderate durability and is resistant to rot and fungal attack, making it ideal for outdoor use. The timber is pleasing to the eye with warm colours: golden brown varying to yellow and orange in heartwood. Due to its high density, Larch wood maintains high wear resistance and is non corrosive. It requires no preservative treatment, and will weather to a silver grey with U.V exposure over a period of time in areas with low air pollution.



Technical information on Siberian Larch

Density

The density of Larch is between 470kg/m³/650 kg/m³ at 12% moisture content. This gives Larch a better resistance to impact compared with Western Red Cedar.

Dimensional Stability

Larch exhibits minimal movement in a cladding application, however if sapwood is present the timber can be more susceptible to movement.

Durability and Decay Resistance

Larch is rated as Class 3, moderately durable, and if the sapwood is excluded can be used untreated for cladding. However if sapwood is present the timber requires treatment with an external preservative.

Thermal Conductivity

European Larch has a Thermal Conductivity rating (λ10) of approximately 0.13 W/(mK).

Fixings

To avoid discolouration of the wood use only corrosion resistant fixings such as those made from aluminium, hot dipped galvanised steel or stainless steel.



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AVAILABLE GRADES:-

Grade Overview - S/F and U/S Grade

Grade Character - Tight intergrown knots up to 40mm diameter are admissible. Sound spike knots no longer than half the width of the board are also acceptable. Resin and bark pockets are allowed upto 2cm² surface area and 2 pieces per board. No insect attack is permissible, although 2 shakes in a width of 1mm in a length of 10% of the board.

PROPERTIES

BOTANICAL NAME	<i>Larix siberica</i>
PHYSICAL/STRUCTURAL PROPERTIES	Hard, dense timber, colour of heartwood can change from yellowish - brown to pink - brown
MOISTURE CONTENT	Kiln Dried 12 - 20%, green 30% +
TYPICAL APPLICATIONS	Cladding, decking, flooring, window and door frames
DENSITY	470k - 650 kg/m ³
WASTAGE ALLOWANCE	10 - 15% length waste
ORIGIN	Russia
DURABILITY	Moderately durable
ENVIRONMENTAL CREDENTIALS	FSC
STORAGE ADVICE	Kiln dried material to be kept under cover
SUPPLIED FINISH	Sawn or machined to profile
WORKING PROPERTIES	Despite its density and hardness it machines well and takes fixings
STABILITY	Minimal movement with boards containing heartwood only

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Product	Profile	Code	Available ex-Stock	Environmental Credentials
25 x 150mm	Shiplap Patt 191	S0003738	Y	FSC
25 x 150mm	PTGV Patt IT - 19-M2	S0003074	Y	FSC

Additional specifications, sizes, chain of custody and specials are available to order

