



# Siberian larch cladding



Siberian larch is sourced from reputable sawmills in Northern Russia. Where possible the larch is independently certified, but in all cases it complies with EUTR.

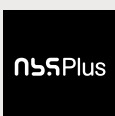
Siberian larch is a different species to the larch that grows in western Europe. The wood is a similar colour to pine and the knots tend to stay sound even after drying and machining.

Being dry and dense, Siberian larch is ideal for machined profiles. The relatively low cost makes it an ideal alternative to more expensive species such as Canadian cedar.

Siberian larch grows very slowly and consequently the wood is extremely dense and strong. The high resin content makes the species naturally durable and hardwearing. However, it is important to understand that Siberian larch is unstable and will move considerably through the year.

Produced to comply with the harmonised standard for construction products regulation BSEN14915:2013 and to conform to BS8605-1:2014 External timber cladding: Method for specifying.

<b>Trade Name</b>	Siberian larch
<b>Base timber</b>	Siberian larch
<b>Species</b>	Larix siberica
<b>Process</b>	None
<b>Origin</b>	Legal and well-managed forests in Northern Russia
<b>Intended use</b>	External cladding
<b>Other uses</b>	Decking, joinery, structural timbers
<b>Appearance</b>	The wood is a golden yellow colour with a strong grain pattern, similar to pine. Depending on the grade, the boards may include some, or many, dark black knots.
<b>Weathering</b>	As the boards weather the colour will change to a silver-grey. Larch is quite consistent and is not reactive, and as such, will weather relatively evenly. Northerly elevations may weather to a darker grey than those facing South.
<b>Profiles</b>	Shiplap, halflap and splayed profiles. Not recommended with tongue and groove profiles (VTG) due to movement.
<b>Dimensions</b>	20 x 70, 20 x 95, 20 x 145mm
<b>Lengths</b>	Random 1.8 – 4.5mt+
<b>Moisture content</b>	Approx 16 – 18%
<b>Natural durability (EN350-2)</b>	Durable Class 3
<b>Insect attack</b>	Resistant
<b>Desired service life:(BS8417)</b>	Occasionally wet 30yrs Frequently wet 15yrs
<b>Treatability class</b>	Resistant
<b>Movement class</b>	Large (of our machined cladding timbers Siberian larch moves the most. A 145mm board can vary by 5mm through the year)
<b>Resistance to impact</b>	High
<b>Resistance to fixing</b>	Medium
<b>Mean density</b>	570 – 650 kg / M3 when dry
<b>When to fix</b>	Ideally Autumn / Winter months.
<b>How to fix</b>	Face fix with stainless steel ringshank nails. Secret fix not recommended. Pre-drilling advised.





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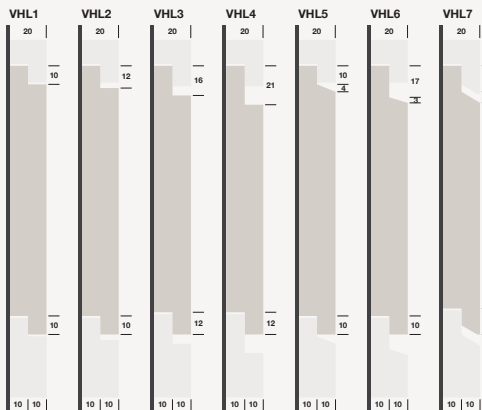
Weathered Siberian larch cladding

<b>Grading</b>	Grade A (confusingly known in the trade as Unsorted) BS1186-3 1990 Class 2. EN942:2007. J30. CE grade A. Clean with a few sound knots up to 30mm. Grade B (known in the trade as 4ths or Sawfalling). Too knotty to conform to any standard.
<b>Working properties</b>	Good workability. Takes fixings satisfactorily.
<b>Extractives</b>	Siberian larch contains resin rather than oil or tannin. The resin is fixed by kilning and does not tend to bleed. The resin is not reactive.
<b>Emission of formaldehyde (EN14915)</b>	E1 (Not significant)
<b>Reaction to fire (EN14915)</b>	Euroclass F (Untested). D-s2, d0
<b>Fire treatment</b>	Possible by impregnation
<b>CE compliant</b>	Yes

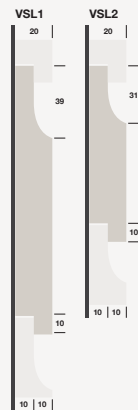
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## Cladding profiles – machined range

### Halflap



### Shiplap



### Splayed



Visit our website for fixing details. Contact us for full technical drawings.

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