

Vertical Grain Siberian Larch Cladding

Vertical Grain Siberian Larch (VG SILA) is a naturally durable and aesthetically pleasing product. It is particularly popular for projects with a requirement for both timber cladding and decking; using SILA can create a consistent look throughout the exterior of the project.

Appearance

The grain of the wood is exceptionally straight and the annual rings are close together. Growth rings mainly run in straight lines on the surface which means minimum risk of surface checking and minimum risk of splinters forming as a result of delamination between the growth rings. When exposed to the elements and sunlight, the colour of the cladding will change to an even shade of grey. If used in a project alongside SILA decking, the weathering of both products will offer consistency of the overall look over time.

VG SILA is supplied as a mix of the highest Siberian larch grades with approximately 70% being virtually clear grade, resulting in a clean, contemporary timber cladding option. VG SILA is comprised of vertical and semi-vertical grain boards. Cut from the heartwood with growth rings ranging from 30 - 90°, it is more stable than flat sawn boards.

Durability

the primary benefits of SILA as a cladding material is that it is one of the toughest and most durable softwoods. It is naturally durable, being rated as Class 3 according to BS EN 350-2. This means that it does not require any chemical treatment. This natural durability is the result of resin and extracts in the wood, combined with a high density, which reduces the wood's vulnerability to rot, decay and insect damage.

Stability

Russwood's VG SILA is more dimensionally stable than standard flat sawn offerings. Flat sawn boards can move up to 50% more than vertical grain boards. This reduced propensity to move means minimal shrinkage and expansion.

Coating suitability

Due to the natural durability and beauty of VG SILA cladding, it is generally left untreated to weather to a consistent shade of grey. SILA is suitable for factory coating in SiOO:X, a breakthrough silicone technology, to provide a genuine silver lustre whilst still seeing the figuring of the Larch. SiOO:X creates a weathered appearance at an accelerated rate. Following application, all areas, regardless of protection and exposure, take on a consistent tone which provides a solution to differential weathering.

Density

SILA is a dense timber, classified by BS EN 350-2 as approximately 628 Kg/m³ at a moisture content of approximately 16 - 18%. As such, it is not easily damaged.

Fixings

How timber is fixed is fundamental to its long term performance in terms of both appearance and durability. We offer a range of fixings and systems to make cladding look better and last longer. These systems can be written into the NBS H21 specification.

Surface Finishes

We can produce Vertical Grain Siberian Larch in a Planed finish - boards are run through our planing mill to create a smooth, dressed finish.

RUSSWOOD VERTICAL GRAIN SIBERIAN LARCH SPECIFICATION

- Graded to BS1186-3 Part 4 CSH/1;
- Each board is centre pith free
- Through knots have a maximum 25mm diameter
- Chipped out knots permitted up to a maximum of 25mm diameter
- End checks permitted not longer than 1.5 times width of board
- Kiln-dried to moisture content of 16-18% (+ / - 2%)
- High density of approximately 628kg/m³ at approximately 16 - 18% moisture content
- PAR, (Planed all round) 4 chamfered edges – RW212 profile
- Lengths up to 5.1m supplied in running meters
- FSC®-certified product sourced from sustainable forests
- No limitation of splay knots
- Each board is sap free on face

Recommended profiles

The standard VG SILA cladding profile is a 27 x 92mm square dressed with bevelled edges.

RW212

