



RUSSWOOD
selected sustainable timber
FLOORING • CLADDING • DECKING

Siberian Larch
Cladding



Russwood's Siberian Larch (SILA) is the cladding of choice for many architects, contractors and self-builders, due to the fact that it is extremely versatile – being suitable for all external timber cladding applications – has excellent durability properties and provides a clean, consistent look.

Appearance

Russwood's SILA boards come in a warm mix of colours, from light reddish brown through to golden browns. When detailed correctly the weathered timber changes to a beautifully consistent silver / grey, which is highly desirable in many cladding projects.

With clearly marked annual rings, a straight grain and relatively few knots the overall look is clean, contemporary and, above all, consistent.

Density

Due to its high percentage of heartwood (75 – 90%) and a minimum of sapwood (we guarantee that at least one face will be sap free) SILA is an extremely dense timber, classified by BS EN 350-2 as approximately 628 Kg/m3 at a moisture content of 18%. As such, it is not easily damaged and therefore is ideal for highly exposed elevations, or applications where there is the likelihood of physical damage such as knocks or scrapes (e.g. schools, shopping centres, public walkways).

Durability

For external cladding purposes, Siberian Larch is a naturally durable timber (Class 3 according to BS EN 350-2) due to two primary factors:

Firstly, the presence of tannins in the wood create a high resistance to decay and rot. Secondly, the high density of the wood means that it is more difficult for decaying organisms to penetrate it. The end result is that Siberian Larch is one of the toughest and most durable softwoods in the world, with an expected lifespan of 50 – 100 years when subject to general outdoor exposure.

Stability

Extreme continental climates in Siberia produce a high proportion of late wood, which provides enhanced dimensional stability and enables a smoother machine finish.

Additionally, Russwood's SILA is kiln-dried to 16 – 18% (+/- 2%), the optimal moisture content for external cladding.

Treatment suitability

As Russwood SILA contains very little sapwood when correctly fixed, it does not require maintenance and, if left untreated, will weather to a silver / grey. That said, SILA can be fire-retardant treated, using either the NON COM® process, or using HR Prof as an on-site applicant.

Also, due to the infrequent knots and tight grain, optimal paint adhesion can be achieved, particularly when used on sawn surfaces. Consequently, SILA is an ideal timber for vacuum coating with your choice of colour from our extensive range or with Sioo:X, the silicon based accelerated weathering. It should be noted that Russwood's SILA A/B® grade contains no sapwood on exposed faces.

RUSSWOOD SILA A / B® SPECIFICATION

The specification for SILA A / B®, the highest grade of Siberian Larch cladding commercially available in the UK, is as follows:

☞ Graded to BS1186-3 Part 4 Class 1: each board is practically centre free, one face will be sap free, tight live knots have a maximum 25mm diameter. Maximum of two knots per metre on average over the total length of board, pin knots below 12mm will be discounted.

☞ Kiln-dried to moisture content of 16 – 18% (+/- 2%)

☞ Lengths up to 6.0m

☞ We select from best available grades in Europe and guarantee that your order will not contain any commonly available, lower quality GOST grades

☞ FSC®-certified product sourced from sustainable forests, certification no - FSC-C017490

Russwood SILA A+
SILA A+ is as clear a grade as possible with a maximum of two knots per metre length and tight live knots having a maximum diameter of 12mm.

Recommended profiles (please note that others are available especially sawn faces for coated options.)



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