



RUSSWOOD
selected sustainable timber
FLOORING • CLADDING • DECKING

Scottish Larch
Cladding



Russwood's Scottish Larch (Scotlarch®) is locally sourced timber which provides a durable, natural and cost-effective cladding solution. As the construction sector becomes increasingly focused on combining energy efficiency and sustainability with the need to cut costs, Scotlarch® is the timber of choice for many project types.

Appearance

Russwood only use the selected heartwood of Scotlarch®, with boards encompassing a warm mix of colours: from pale orange / brown through to reddish brown shades.

With correct profile selection and detailing, this species weathers consistently to a muted shade of silver / grey, which is highly desirable in many cladding projects.

There are frequent knots in Scotlarch® boards, which demonstrate the natural origins of the product and give it a characterful look.

Density

Due to its high percentage of heartwood and minimum of sapwood (all exposed faces will be sapwood free) Scotlarch® is a medium density timber, classified by BS EN 350-2 as approximately 556 Kg/m3 at a moisture content of 18%. As such, it boasts excellent impact strength and therefore is ideal for highly exposed elevations, or applications where there is the likelihood of physical damage such as knocks or scrapes.

Durability

Scotlarch® is a naturally durable timber and, for external cladding purposes, is classed as "moderately durable" (Class 3 according to BS EN 350-2). This is due to the tannins in the wood which create a high resistance to decay and rot.

As it contains minimal sapwood it can, with correct detailing (e.g. no sapwood on exposed faces) have a good lifespan potential of at least 30-50 years.

Stability

Russwood's Scotlarch® is air-dried to 16-18% (+/- 2%), the optimal moisture content for external cladding. The benefit of air drying as opposed to kiln drying, is that the timber is not subjected to the stresses of kiln drying, and therefore achieves optimum stability.

Once the Scotlarch® is air-dried, this enables machining of the product to achieve a superior finish. It is then ensured, through the use of ISO quality control processes, that the optimal moisture level is retained until delivery to site. The cladding can then be installed immediately upon delivery.

Treatment suitability

Scotlarch® is generally used uncoated in order to illustrate the natural beauty of the product when weathered. However, a selection of profiles are suitable for vacuum coating with your choice of colour from our extensive range.

Scotlarch® can also be fire-retardant treated, using either the NON COM® process, or using HR Prof as an on-site applicant.

Recommended usage

Russwood's Scotlarch® cladding has been used in a wide range of building types, including schools, hospitals, visitor centres, supermarkets, commercial buildings and residential properties. It is particularly suitable for buildings which are likely to be subject to a high level of impact, and those which require a sustainable solution.

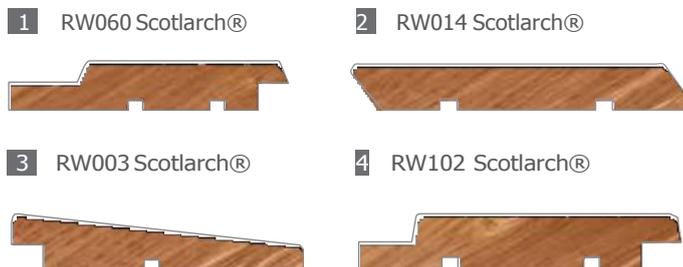
Scotlarch® performs optimally, and is most cost-effective, when used as sawn boards in a board on board arrangement (see photo at foot of page/middle overleaf for example).

RUSSWOOD HEARTWOOD OF SCOTLARCH® SPECIFICATION

- ☞ Graded to BS1186-3 Part 4 Class 2/3: under 20% of each order will contain Class 3 boards, which may contain sound, live knots with a maximum diameter of 50mm
- ☞ Sapwood free on all exposed faces
- ☞ Some resin pockets may be present
- ☞ Air-dried to moisture content of 16 – 18% (+/- 2%)
- ☞ Lengths up to 4.8m (moulded profiles may contain a maximum of 5% below 1.8m)
- ☞ FSC®-certified product sourced from sustainable forests in Scotland, certification no - FSC-C017490

Recommended profiles with sawn face

(please note that others are available)



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The mark of responsible forestry
FSC® C017490

Russwood Ltd, Station Sawmill
Newtonmore, PH20 1AR

T: 01540 673 648
E: mail@russwood.co.uk

www.russwood.co.uk

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