

## Scotlarch® Cladding

Russwood's Scottish Larch (Scotlarch®) is locally sourced timber which provides a durable, natural and cost-effective cladding solution.

### Appearance

Russwood only supply cladding using selected heartwood of Scotlarch®, with boards encompassing a warm mix of colours; from pale orange / brown through to reddish brown shades. In ideal conditions, this species weathers to a muted shade of silver / grey which is 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.

### 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 resistance to decay. With correct detailing (e.g. no sapwood on working faces) and appropriate fixings, Scotlarch® should have a lifespan potential of at least 50-100 years. The way a façade is fixed and detailed can have a major effect on its lifespan. Our range of fixings and systems are designed by Austrian Timber Engineers to make cladding look better and last longer.

### Stability

Russwood's Scotlarch® is carefully air-dried to approximately 16-18%, the optimal moisture content for external cladding. The benefit of air drying Scotlarch® 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 that the optimal moisture level is retained until delivery to site.

### Density

Due to its high percentage of heartwood and minimum of sapwood Scotlarch® is a medium density timber, classified by BS EN 350-2 as approximately 556 Kg/ m<sup>3</sup> 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.

### Coating Suitability

Scotlarch® is suitable for factory coating in SiOO:X, a breakthrough silicon technology, to provide a genuine silver lustre. In effect, SiOO:X creates a weathered appearance at an accelerated rate.

## 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

**Skimming** - To avoid an unsightly surface finish, we skim the face of each board to provide a clean, unblemished fine-sawn finish.

**Planed** - Boards are run through our planing mill to create a smooth, dressed finish.

## Sizes

Scotlarch® is available in varying lengths up to 4.8m, sawn widths from 47mm to 150mm, and sawn thicknesses of 22, 30, 35 and 50mm. Please note that cladding is supplied as a linear meterage based on random stock lengths at time of picking order. Other sizes may be available on request.

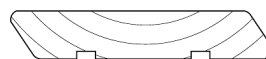
### RUSSWOOD HEARTWOOD OF SCOTLARCH® SPECIFICATION

- Graded to BS1186-3 Part 4 Class 2/3; boards contain tight live knots with a maximum diameter of 50mm
- Sapwood free on working faces
- Some resin pockets may be present
- Air-dried to moisture content is 16 – 18%
- Lengths up to 4.8m
- FSC®-certified product sourced from sustainable forests in Europe.

## Recommended Profiles

Please note we have only listed the most popular profile for Scotlarch®

RW014



RW102



Board on Board

