

## Grandis Select® Cladding

Russwood's Grandis Select® provides a durable, natural and sustainable timber cladding solution. With favourable growing conditions in Uruguay; Eucalyptus Grandis is a clear grade of hardwood which Russwood then hand grade in house to ensure no sapwood on working face.

### Appearance

Russwood only supply cladding using selected heartwood of Eucalyptus Grandis, with boards encompassing a warm mix of colours; from pale pink tones, with subtle figuring and few knots for a refined, natural look. In ideal conditions, this species when left uncoated, will weather to a silver grey colour which is desirable in many cladding projects. There are virtually no knots in Grandis Select® boards, which give it a refined look.

### Durability

Grandis Select® is a naturally durable timber and, for external cladding purposes, is classed as "moderately durable" (Class 3 according to BS EN 350-2). With correct grading (e.g. no sapwood on working faces), profile selection and appropriate fixing systems, Grandis Select® will last the life-time of the building. The way a façade is fixed and detailed can have a major effect on its lifespan.

### Stability

Russwood's Grandis Select® is carefully kiln-dried to approximately 12-14% (+/- 2%), the optimal moisture content for external cladding. Once the Grandis Select® is kiln-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 (all working faces will be sapwood free) Grandis Select® is a medium density timber, classified by BS EN 350-2 as approximately 600 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

Grandis Select® 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

Skimmed - 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.

Microtex® - A fibrous surface finish designed to provide optimal performance of SiOO:X coatings.

## Sizes

Grandis Select® is available in sawn widths from 75 to 150mm at 25mm increments, and sawn thickness of 25mm.

### RUSSWOOD HEARTWOOD OF EUCALYPTUS GRANDIS SPECIFICATION

- Graded to BS1186-3 Part 4 Class CSH
- Russwood's Grandis Select® is sorted and regraded in house. Each board is centre free, working face will be sap free.
- Knot content allowed as per FAS grade. Each board will yield a minimum of 83% clear grade material, though the vast majority of boards will be clear grade in their full length
- As Eucalyptus Grandis is imported to the UK in board form, to avoid unsightly surface finishes such as paint/grease marks and compression marks from steel securing bands, Russwood skim the correct face of each board to provide a clean, unblemished fine-sawn finish.
- End checks permitted not longer than 1.5 times width of board
- 100% FSC®-certified product sourced from sustainable forestry plantations

## Recommended Profiles

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

Board on Board



RW014



Square edge (vertical)

