

Product Characteristics for LUMIN® TRP-Overlay.

Introduction

LUMIN TRP is produced from 100% plantation grown pruned Eucalyptus Grandis. The pruning process completed during the growth phase of the tree ensures very limited defects in the final veneer. This is a hardwood plywood that looks and performs very similar to tropical species, and critically has product and forest certification to back up its strong credentials. This includes EN 13986 (CE2+), for use in construction and structural applications in Europe, certified by Element BV (Netherlands). LUMIN TRP also complies with the E1 standard for emissions in Europe, adheres to the air quality standards required by the California Air Resource Board (CARB) and complies with the emission of formaldehyde required by the US EPA TSCA Title VI. Finally, the TRP product range underpins our commitment to responsible forest management and 100% of our forest plantations are FSC® certified (License Number FSC-C162602) and utilizing thin peel technology also allows better optimization of eucalyptus grandis logs.

The use of Eucalyptus Grandis results in TRP panels with a rich pink/red coloured wood that is sought after in many markets and is aesthetically similar to scarce high-end tropical species such as Meranti and Okoume.

GRADING

LUMIN is a member of the IWPA and grades LUMIN according to the commonly recognised global IHPA grading rules for imported plywood, with some proprietary differences arising from utilizing eucalyptus species:

LUMIN TRP – OVERLAY

There are minimal repaired defects allowed on the faces. Minor defects such as splits, and knots are skilfully repaired with colour matched acrylic filler.

Face: 150-grit touch-sanded with minimal acrylic patching and up to 4 repaired splits* per edge not more than 15mm wide by 800mm long (fully repaired and sanded).

Back: 150-grit touch-sanded allowing open defects including splits and knot holes up to 38mm (max. 4) and up unlimited knot holes <25mm diameter.

Species: 100% Eucalyptus grandis

Dimensions: 1.22m x 2.44m

**Splits are characteristics that occur at the end of panels, running parallel to the grain and varying in acceptable width and length based on grade.*

THESE GRADES ARE IDEAL FOR: General Construction, Surface Finishing, Packaging/Transport, and Joinery/Carpentry/Upholstered Furniture.

Packaging: All packing materials used in this contract will meet or exceed the requirements of ISPM 15

All Products are FSC Mix Credit - SGSCH-COC-800039 (License Code FSC-C163659)

Specification

LUMIN TRP (BB/CC, B/B and Overlay is currently available in the following specifications:

THICKNESS	NUMBER OF VENEERS	THICKNESS OF VENEERS (MM)	THICKNESS TOLERANCE (MM)	CERTIFICATION (ATTESTATION LEVEL)
5.5mm	3	1.5, 3.2, 1.5	5.3 – 5,7	CE 4, IHPA
9mm	5	1.5, 1.5, 3.2, 1.5, 1.5, 1.5	8.5 – 9.2	CE 2+, IHPA
12mm	5	1.5, 3.2, 3.2, 3.2, 1.5	11.5 – 12.2	CE 2+, IHPA
15mm	5	3.2, 3.2, 3.2, 3.2, 3.2	14.5 – 15.2	CE 2+, IHPA
18mm	7	1.5, 3.2, 3.2, 3.2, 3.2, 3.2, 1.5	17.5 – 18.2	CE 2+, IHPA

Declaration of Performance available.

PACK SIZE AND WEIGHT

Thickness	Sheets (#) and volume per pack	Weight of pack in KG
18mm	51 sheets per pack 2.733m ³	1505
12mm	75 sheets per pack 2.680m ³	1455
9mm	102 sheets per pack 2.733m ³	1500
5.5mm	150 sheets per pack 2.456m ³	1311