



## THE SUSTAINABLE TROPICAL REPLACEMENT PANEL (TRP) FOR HARDWOOD PLYWOOD



The mark of  
responsible forestry

ABOUT LUMIN TRP

LUMIN TRP (Tropical Replacement Panel) is produced from 100% plantation grown pruned Eucalyptus Grandis. The pruning process completed during the growth phase of the tree ensures limited defects in the final veneer. This is a hardwood plywood that looks and performs similar to tropical species, and critically has product and forest certification to back up its strong credentials.

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.

SUSTAINABILITY

With sustainable forest management at the core of all LUMIN operations, every aspect of LUMIN TRP has been designed with the environment in mind.

LUMIN TRP 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, as well as having FSC® forest certification for 100% of our plantations.

Produced from plantation grown Eucalyptus Grandis trees, no portion of any log goes to waste. With our operations achieving environmental accolades, LUMIN continues to set a benchmark with its contribution to the net zero agenda and delivering new solutions to address modern challenges.

LUMIN certifies the forest management of its plantations following the Forest Stewardship Council® standard, SGSCH-FM/COC-012049, (FSC-C162602) and has Chain of Custody certification, Change to SGSCH-COC-800039 (FSC-C163659) to ensure our clients the responsible management of our products throughout the production chain, from forest to the final costumer. This certification scheme provides external and third-party credibility for the responsible management of our forests and products.

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.

TRP – B/BB



Face Back

There are no significant defects allowed on the faces of the panels. Minor defects are skilfully repaired with colour matched filler. Very minor core voids and end splits are allowed and skilfully repaired.

Face	180-grit sanded with minimal synthetic repairs and up to 3 repaired minor splits* per edge not more than 4mm width by 400mm long
Back	180-grit sanded with minimal synthetic repairs and up to 6 repaired minor splits per edge not more than 6mm width by 600mm long
Species	100% Eucalyptus Grandis
Dimensions	1.22m x 2.44m, 1.22m x 2.5m

*\*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.*

## TRP – BB/CC



Face Back

There are no significant defects allowed on the faces of the panels. Minor defects are skilfully repaired with colour matched filler. Very minor core voids and end splits are allowed and skilfully repaired.

<b>Face</b>	180-grit sanded with minimal synthetic repairs and up to 6 repaired minor splits* per edge not more than 6mm width by 600mm long
<b>Back</b>	180-grit sanded with minimal synthetic repairs and up to 6 repaired minor splits per edge not more than 10mm width by 800mm long
<b>Species</b>	100% Eucalyptus Grandis
<b>Dimensions</b>	1.22m x 2.44m, 1.22m x 2.5m

*\*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.*

## TRP – HARDWOOD BC



Face Back

There are minimal repaired defects allowed on the face. Minor defects such as splits, and knots are skilfully repaired with colour matched filler. The back face permits some open defects.

<b>Face</b>	180-grit touch-sanded with minimal acrylic patching and up to 6 repaired splits* per edge not more than 10mm wide by 800mm long (fully repaired and sanded)
<b>Back</b>	180-grit touch-sanded allowing open defects including splits and knot holes up to 38mm (max. 4) and up unlimited knot holes <25mm diameter
<b>Species</b>	100% Eucalyptus Grandis
<b>Dimensions</b>	1.22m x 2.44m, 1.22m x 2.5m

*\*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.*

## SPECIFICATION

LUMIN TRP B/BB, BB/CC and Hardwood BC is currently available in the following:

Thickness (mm)	Number of veneers	Thickness of veneers (mm)	Thickness tolerance (mm)	Certification (Attestation level)
21	7	3.2, 3.2, 3.2, 3.2, 3.2, 3.2, 3.2	20.5 – 21.2	CE 2+, UKCA, IHPA
18	7	1.5, 3.2, 3.2, 3.2, 3.2, 3.2, 1.5	17.5 – 18.2	CE 2+, UKCA, IHPA
15	5	3.2, 3.2, 3.2, 3.2, 3.2	14.5 – 15.2	CE 2+, UKCA, IHPA
12	5	1.5, 3.2, 3.2, 3.2, 1.5	11.5 – 12.2	CE 2+, UKCA, IHPA
9	5	1.5, 1.5, 3.2, 1.5, 1.5	8.5 – 9.2	CE 2+, UKCA, IHPA
5.5	3	1.5, 3.2, 1.5	5.3 – 5.7	CE 2+, UKCA, IHPA

Pack size and weight

Thickness (mm)	Sheets per pack	Volume (m³)	Average weight (kg)
21	43	2.688	1480
18	51	2.733	1505
15	60	2.680	1466
12	75	2.680	1455
9	102	2.733	1500
5.5	150	2.456	1311

## WHY SPECIFY LUMIN?

- LUMIN plywood manufactured using logs grown on sustainable plantations
- Excellent faces for finishing
- Range of grades to suit performance and aesthetic requirements
- Structurally tested for a wide range of construction applications
- EUTR Compliant
- FSC® and CE2+ / UKCA Certified
- EN 314-2 – Bonding Class 3 (exterior)
- Achieves EN 636-3 with a suitable coating and edge sealing
- CE2+ audited by Element BV (Netherlands) and UKCA audited by BM TRADA (UK)
- LUMIN TRP complies with the E1 standard for emissions in Europe.
- Complies with the emission of formaldehyde required by the US EPA TSCA Title VI
- Adheres to the air quality standards required by the California Air Resource Board (CARB)
- Supplied through a network of carefully chosen partners
- Underpinned by the LUMIN brand and values
- Specifying LUMIN gives peace of mind when it comes to building regulation and sustainable compliance
- Sustainable supply available and price competitive
- Ultra Low Emitting Formaldehyde: (ULEF) N-21-533 EPA TSCA Title VI and CARB ATCM 93120

## PROPER CARE OF LUMIN TRP

LUMIN TRP should be stored in clean and dry areas, off the floor and under a roof.

Standard packaging consists of recyclable cardboard.

## USAGE COMMENTS

- It is advisable to acclimatize the panels to the environment where they will be used.
- Exposed panels, including edges, faces and cuts /holes on the panels should be sealed with an oil-type paint or varnish, in order to prevent moisture penetration.
- Keep the panels in use isolated from direct contact with water.







[www.LUMIN.com](http://www.LUMIN.com)

 **altripan uk ltd**  
Quality plywood since 1968

#### **Altripan UK**

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LUMIN TRP is part of the LUMIN sustainable plywood range. To learn more about the products available, please contact your local LUMIN team:

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